



Antibodies & Engineered Cell Lines™

www.abeomics.com



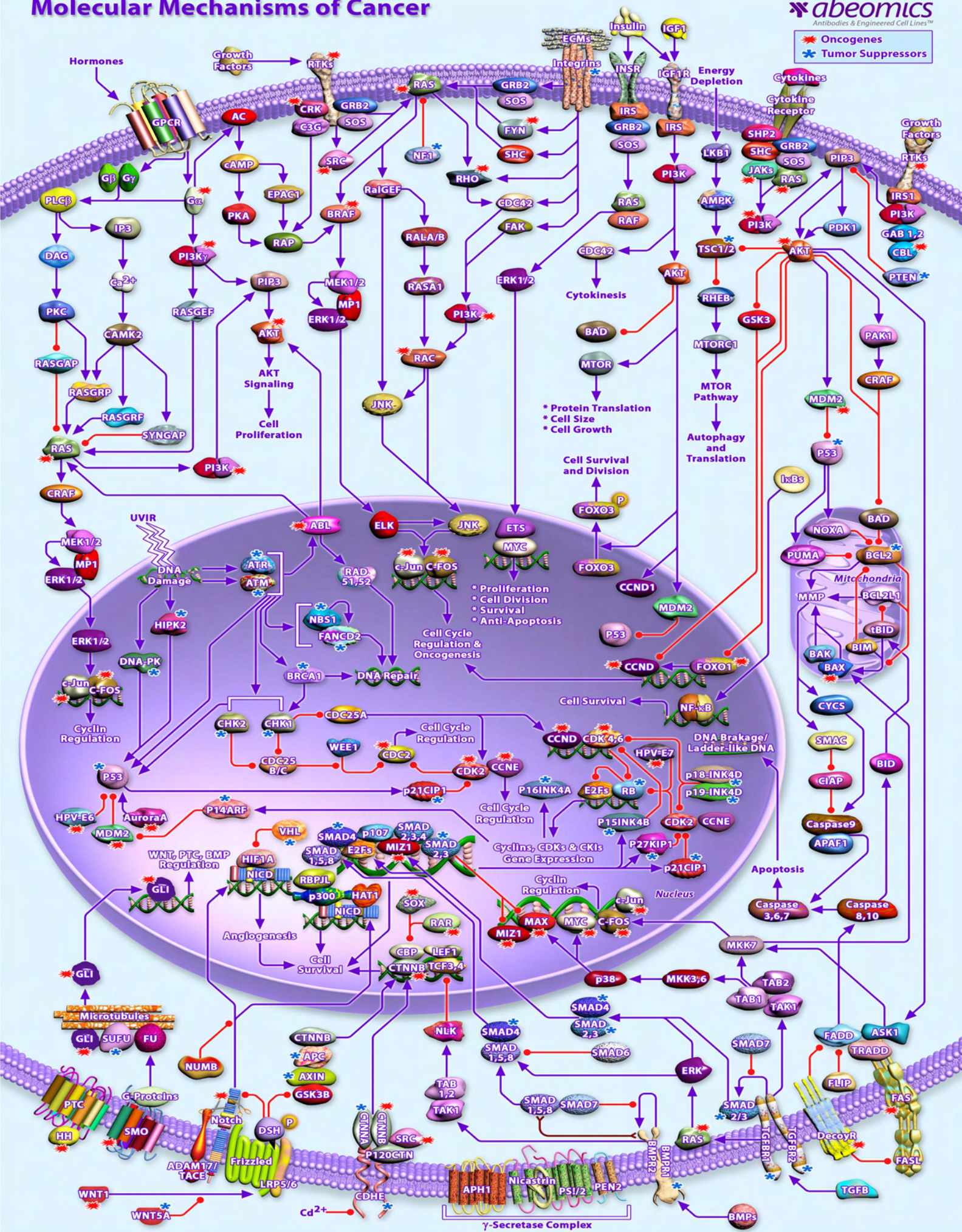
Explore our Product Citations Booklet showcasing the scientific validation of Abeomics' top-tier products. From antibodies, cell lines, biosimilars, and recombinant proteins to kits, reagents, and custom assay services – each citation is a testament to our commitment to precision and reliability. Join researchers worldwide who trust Abeomics for groundbreaking results. Your research deserves the best – choose **Abeomics**

Product Citations Booklet

Updated June 2025

Molecular Mechanisms of Cancer

★ Oncogenes
✱ Tumor Suppressors



Cat. No.	Product Name	Citations
10-101	Mouse IgG1 Isotype Control (Clone: MOPC31C)	1. Nayak TK, Mamidi P, Kumar A, Singh LP, Sahoo SS, Chattopadhyay S, Chattopadhyay S. Regulation of Viral Replication, Apoptosis and Pro-Inflammatory Responses by 17-AAG during Chikungunya Virus Infection in Macrophages. Viruses. 2017 Jan 6;9(1). pii: E3. doi: 10.3390/v9010003. PubMed PMID: 28067803; PubMed Central PMCID: PMC5294972. 2. Nayak TK, Mamidi P, Sahoo SS, Kumar PS, Mahish C, Chatterjee S, Subudhi BB, Chattopadhyay S, Chattopadhyay S. P38 and JNK Mitogen-Activated Protein Kinases Interact With Chikungunya Virus Non-structural Protein-2 and Regulate TNF Induction During Viral Infection in Macrophages. Front Immunol. 2019 Apr 12;10:786. doi: 10.3389/fimmu.2019.00786. eCollection 2019. PubMed PMID: 31031770; PubMed Central PMCID: PMC6473476.
10-1019	Monoclonal Antibody to Caspase-8 (Clone: ABM14C1)	Nidhi Varshney, Dharmendra Kashyap, Vaishali Saini, Siddharth Singh, Sachin Kumar, Manivannan Elangovan, Natércia F. Brás, Hem Chandra Jha. Unveiling the therapeutic potential of Ponatinib and Imatinib against Aurora Kinase A in gastric cancer cells. https://doi.org/10.21203/rs.3.rs-3195156/v1
10-2004	Recombinant Anti-SARS-CoV-2 Spike RBD antibody (CR3022)	Nguyen, D.C., Hentenaar, I.T., Morrison-Porter, A. et al. SARS-CoV-2-specific plasma cells are not durably established in the bone marrow long-lived compartment after mRNA vaccination. Nat Med 31, 235–244 (2025). https://doi.org/10.1038/s41591-024-03278-y
10-2005	Recombinant Anti-SARS-CoV-2 Spike RBD antibody (ABMX-002)	1. Archana Thomas, William B Messer, Donna E Hansel, Daniel N Streblow, Steven C Kazmierczak, Zoe L Lyski, Zhengchun Lu, Mark K Slifka. Establishment of Monoclonal Antibody Standards for Quantitative Serological Diagnosis of SARS-CoV-2 in Low Incidence Settings. Open Forum Infectious Diseases, 2021;, ofab061, https://doi.org/10.1093/ofid/ofab061 2. Sedigheh Fazli, William B. Messer, Marcel E. Contralateral second dose improves antibody responses to a two-dose mRNA vaccination regimen. Curlin J Clin Invest. 2024. https://doi.org/10.1172/JCI176411
10-3003	Monoclonal Antibody to TLR9 (Clone: ABM1C51)	Veleparambil M, Poddar D, Abdulkhalek S, Kessler PM, Yamashita M, Chattopadhyay S, Sen GC. Constitutively Bound EGFR-Mediated Tyrosine Phosphorylation of TLR9 Is Required for Its Ability To Signal. J Immunol. 2018 Apr 15;200(8):2809-2818. doi: 10.4049/jimmunol.1700691. Epub 2018 Mar 12. PubMed PMID:29531172; PubMed Central PMCID: PMC5893352.
10-3010	Monoclonal Antibody to TLR4 / CD284 (Clone: ABM19C4)	Parida R. Human MOSPD2: A bacterial Lmb mimicked auto-antigen is involved in immune infertility. Journal of Translational Autoimmunity. 2019 Apr;100002 (1). https://doi.org/10.1016/j.jtauto.2019.100002. (Immunofluorescence)

Cat. No.	Product Name	Citations
10-3026	Monoclonal Antibody to TLR2 (Clone: ABM3A87)	Parida R. Human MOSPD2: A bacterial Lmb mimicked auto-antigen is involved in immune infertility. Journal of Translational Autoimmunity. 2019 Apr;100002 (1). https://doi.org/10.1016/j.jtauto.2019.100002 . (Immunofluorescence)
10-4122	Monoclonal Antibody to Human CD64 (Clone: 32.2)	Alemán OR, Blanco-Camarillo C, Naranjo-Pinto N, Mora N, Rosales C. Fc gamma receptors activate different protein kinase C isoforms in human neutrophils. J Leukoc Biol. 2025 Apr 23;117(4):qiaf019. doi: 10.1093/jleuko/qiaf019. PMID:39946245.
10-4134	Monoclonal Antibody to Human MHCII/HLA DQ (Clone: SPVL3)	1.Wahl I, Obratzsova AS, Puchan J, Hundsdoerfer R, Chakravarty S, Sim BKL, Hoffman SL, Kremsner PG, Mordmüller B, Wardemann H. Clonal evolution and TCR specificity of the human TFH cell response to Plasmodium falciparum CSP. Sci Immunol. 2022 Jun 10;7(72):eabm9644. doi: 10.1126/sciimmunol.abm9644. Epub 2022 Jun 10. PMID: 35687696 2.Hannah van Dijk, Ilka Wahl, Sara Kraker, Paul M. Robben, Sheetij Dutta, Hedda Wardemann Clonality, specificity, and HLA restriction of human T cell receptors against Plasmodium falciparum CSP doi: https://doi.org/10.1101/2025.01.06.631573 https://www.biorxiv.org/content/10.1101/2025.01.06.631573v1.abstract
10-7568	Monoclonal Antibody to Napsin A (Clone: ABM4H60)	Ahmed ahmed Incidence of Pulmonary Carcinogenic Changes After One Hundred Weeks of Solitary α-quartz Exposure in Albino Wistar Rats (In vivo Study). Article 4, Volume 44, Issue 2, June 2021, Page 339-348 XMLPDF (909.88 K) Document Type: Original Article DOI: 10.21608/EJH.2020.30485.1291 https://ejh.journals.ekb.eg/article_96102.html
10-7589	Monoclonal antibody to LAMP1 (Clone: ABM5F15)	Panda PK, Naik PP, Meher BR, Das DN, Mukhopadhyay S, Praharaj PP, Maiti TK, Bhutia SK. PUMA dependent mitophagy by Abrus agglutinin contributes to apoptosis through ceramide generation. Biochim Biophys Acta Mol Cell Res. 2018 Mar;1865(3):480-495. doi: 10.1016/j.bbamcr.2017.12.002. Epub 2017 Dec 8. PubMed PMID: 2922947
10-10007	Coronavirus (COVID-19) Spike Antibody (Clone: ABM19C9)	1.Xingyue An, Melisa Martinez-Paniagua, Ali Rezvan, Mohsen Fathi, Shailbala Singh, Sujit Biswas, Melissa Pourpak, Cassian Yee, Xinli Liu, Navin Varadarajan. Single-dose intranasal vaccination elicits systemic and mucosal immunity against SARS-CoV-2. bioRxiv 2020.07.23.212357; doi: https://doi.org/10.1101/2020.07.23.212357 2. Szabolcs M, Sauter JL, Frosina D, Geronimo JA, Hernandez E, Selbs E, Rapkiewicz AV, Rekhman N, Baine MK, Jäger E, Travis WD, Jungbluth AA. Identification of Immunohistochemical Reagents for In Situ Protein Expression Analysis of Coronavirus-associated Changes in Human Tissues. Appl Immunohistochem Mol Morphol. 2021 Jan;29(1):5-12. doi: 10.1097/PAI.0000000000000878. PMID: 33086222; PMCID: PMC7713639
10-10011	Monoclonal Antibody to GAPDH (Clone: ABM22C5)	1. Kakade PS, Budnar S, Kalraiya RD, Vaidya MM. Functional Implications of O-GlcNAcylation-dependent Phosphorylation at a Proximal Site on Keratin 18. J Biol Chem. 2016 Jun 3;291(23):12003-13. doi: 10.1074/jbc.M116.728717. Epub 2016 Apr 8. PubMed PMID: 27059955.

Cat. No.	Product Name	Citations
10-10011	Monoclonal Antibody to GAPDH (Clone: ABM22C5)	2. Rohit Shetty, Anupam Sharma, Natasha Pahuja, Priyanka Chevour, Neeraja Padmajan, Kamesh Dhamodaran, Chaitra Jayadev, Rudy M. M. A. Nuijts, Arkasubhra Ghosh, Jeyabalan Nallathambi. Oxidative stress induces dysregulated autophagy in corneal epithelium of keratoconus patients. PLoS One. 2017; 12(9): e0184628. Published online 2017 Sep 13. doi: 10.1371/journal.pone.0184628 PMCID: PMC5597215
		3. Ashraf R, Hamidullah, Hasanain M, Pandey P, Maheshwari M, Singh LR, Siddiqui MQ, Konwar R, Sashidhara KV, Sarkar J. Coumarin-chalcone hybrid instigates DNA damage by minor groove binding and stabilizes p53 through post translational modifications. Sci Rep. 2017 Mar 28;7:45287. doi: 10.1038/srep45287. PubMed PMID:28349922; PubMed Central PMCID: PMC5368660.
		4. Kumar S, Singh U, Goswami C, Singru PS. Transient receptor potential vanilloid 5 (TRPV5), a highly Ca(2+) -selective TRP channel in the rat brain: relevance to neuroendocrine regulation. J Neuroendocrinol. 2017 Apr;29(4). doi:10.1111/jne.12466. PubMed PMID: 28235149.
		5. Sahay P, Rao A, Padhy D, Sarangi S, Das G, Reddy MM, Modak R. Functional Activity of Matrix Metalloproteinases 2 and 9 in Tears of Patients With Glaucoma. Invest Ophthalmol Vis Sci. 2017 May 1;58(6):BIO106-BIO113. doi:10.1167/iovs.17-21723. PubMed PMID: 28586796.
		6. Nayak TK, Mamidi P, Kumar A, Singh LP, Sahoo SS, Chattopadhyay S, Chattopadhyay S. Regulation of Viral Replication, Apoptosis and Pro-Inflammatory Responses by 17-AAG during Chikungunya Virus Infection in Macrophages. Viruses. 2017 Jan 6;9(1). pii: E3. doi: 10.3390/v9010003. PubMed PMID: 28067803; PubMed Central PMCID: PMC5294972.
		7. Panigrahi B, Singh RK, Mishra S, Mandal D. Cyclic peptide-based nanostructures as efficient siRNA carriers. Artif Cells Nanomed Biotechnol. 2018 Oct 12:1-11. doi: 10.1080/21691401.2018.1511574. [Epub ahead of print] PubMed PMID: 30311806.
		8. S Shivakumar, T Panigrahi, R Shetty, M Subramani, A Ghosh, N Jeyabalan. Chloroquine Protects Human Corneal Epithelial Cells from Desiccation Stress Induced Inflammation without Altering the Autophagy. FluxBioMed Research International, 2018.
		9. Pandey P, Singh D, Hasanain M, Ashraf R, Maheshwari M, Choyal K, Singh A, Datta D, Kumar B, Sarkar J. 7-hydroxyfrullanolide, isolated from Sphaeranthus indicus, inhibits colorectal cancer cell growth by p53 dependent and independent mechanism. Carcinogenesis. 2018 Dec 8. doi: 10.1093/carcin/bgy176. [Epub ahead of print] PubMed PMID: 30535334.
		10. Panigrahi B, Mishra S, Singh RK, Siddiqui N, Bal R, Mandal D. Peptide generated anisotropic gold nanoparticles as efficient siRNA vectors. Int J Pharm. 2019 May 30;563:198-207. doi: 10.1016/j.ijpharm.2019.04.007. Epub 2019 Apr 3. PubMed PMID: 30953762.

Cat. No.	Product Name	Citations
10-10011	Monoclonal Antibody to GAPDH (Clone: ABM22C5)	11. Anuja K, Chowdhury AR, Saha A, Roy S, Rath AK, Kar M, Banerjee B. Radiation-induced DNA damage response and resistance in colorectal cancer stem-like cells. <i>Int J Radiat Biol.</i> 2019 Jun;95(6):667-679. doi: 10.1080/09553002.2019.1580401. Epub 2019 Mar 20. PubMed PMID: 30753097. 12. Mishra S, Verma SS, Rai V, Awasthee N, Arya JS, Maiti KK, Gupta SC. Curcumaraktakanda Induces Apoptosis and Suppresses Migration in Cancer Cells: Role of Reactive Oxygen Species. <i>Biomolecules.</i> 2019 Apr 23;9(4). pii: E159. doi:10.3390/biom9040159. PubMed PMID: 31018580; PubMed Central PMCID: PMC6523773. 13. Nayak TK, Mamidi P, Sahoo SS, Kumar PS, Mahish C, Chatterjee S, Subudhi BB, Chattopadhyay S, Chattopadhyay S. P38 and JNK Mitogen-Activated Protein Kinases Interact With Chikungunya Virus Non-structural Protein-2 and Regulate TNF Induction During Viral Infection in Macrophages. <i>Front Immunol.</i> 2019 Apr12;10:786. doi: 10.3389/fimmu.2019.00786. eCollection 2019. PubMed PMID:31031770; PubMed Central PMCID: PMC6473476. 14. Hayat B, Padhy B, Mohanty PP, Alone DP. Altered unfolded protein response and proteasome impairment in pseudoexfoliation pathogenesis. <i>Exp Eye Res.</i> 2019 Apr;181:197-207. doi: 10.1016/j.exer.2019.02.004. Epub 2019 Feb 7. PubMed PMID:30738879. 15. Chaudhary P, Babu GS, Sobti RC, Gupta SK. HGF regulate HTR-8/SVneo trophoblastic cells migration/invasion under hypoxic conditions through increased HIF-1α expression via MAPK and PI3K pathways. <i>J Cell Commun Signal.</i> 2019 Jan 26. doi: 10.1007/s12079-019-00505-x. [Epub ahead of print] PubMed PMID: 30684191. 16. Singh O, Pradhan DR, Nagalakashmi B, Kumar S, Mitra S, Sagarkar S, Sakharkar AJ, Lechan RM, Singru PS. Thyrotropin-releasing hormone (TRH) in the brain and pituitary of the teleost, <i>Clarias batrachus</i> and its role in regulation of hypophysiotropic dopamine neurons. <i>J Comp Neurol.</i> 2019 Apr 15;527(6):1070-1101. doi: 10.1002/cne.24570. Epub 2018 Dec 28. PubMed PMID: 30370602. 17. Kokate SB, Dixit P, Das L, Rath S, Roy AD, Poirah I, Chakraborty D, Rout N, Singh SP, Bhattacharyya A. Acetylation-mediated Siah2 stabilization enhances PHD3 degradation in <i>Helicobacter pylori</i>-infected gastric epithelial cancer cells. <i>FASEB J.</i> 2018 Oct;32(10):5378-5389. doi: 10.1096/fj.201701344RRR. Epub 2018 Apr 24. PubMed PMID: 29688807. 18. Padhy B, Kapuganti RS, Hayat B, Mohanty PP, Alone DP. De novo variants in an extracellular matrix protein coding gene, fibulin-5 (FBLN5) are associated with pseudoexfoliation. <i>Eur J Hum Genet.</i> 2019 Jul 29. doi: 10.1038/s41431-019-0482-6. [Epub ahead of print] PubMed PMID: 31358954. 19. Pal D, Neha CV, Bhaduri U, Zenia Z, Dutta S, Chidambaram S, Rao MRS. LncRNA Mrhl orchestrates differentiation programs in mouse embryonic stem cells through chromatin mediated regulation. <i>Stem Cell Res.</i> 2021 May;53:102250. doi: 10.1016/j.scr.2021.102250. Epub 2021 Feb 16. PMID: 33662735.

Cat. No.	Product Name	Citations
10-10011	Monoclonal Antibody to GAPDH (Clone: ABM22C5)	20. Sharma R, Dey Das K, Srinivasula SM. EGF-mediated Golgi dynamics and cell migration require CARP2. Cell Rep. 2024 Nov 26;43(11):114896. doi: 10.1016/j.celrep.2024.114896. Epub 2024 Oct 22. PMID: 39441718.
10-10032	Monoclonal Antibody to SARS-CoV-2 Nucleocapsid (Clone: ABM1F11.1E1)	Leekha A, Saeedi A, Sefat KMSR, Kumar M, Martinez-Paniagua M, Damian A, Kulkarni R, Reichel K, Rezvan A, Masoumi S, Liu X, Cooper LJN, Sebastian M, Sands CM, Das VE, Patel NB, Hurst B, Varadarajan N. Multi-antigen intranasal vaccine protects against challenge with sarbecoviruses and prevents transmission in hamsters. Nat Commun. 2024 Jul 23;15(1):6193. doi: 10.1038/s41467-024-50133-2. PMID: 39043645; PMCID: PMC11266618.
10-10036	Anti-SARS CoV2 Spike RBD Antibody (Clone: ABM2A3.1D12)	Lee F, Nguyen D, Hentenaar I, Morrison-Porter A, Solano D, Haddad N, Castrillon C, Lamothe P, Andrews J, Roberts D, Lonial S, Sanz I. The Majority of SARS-CoV-2 Plasma Cells are Excluded from the Bone Marrow Long-Lived Compartment 33 Months after mRNA Vaccination. Res Sq [Preprint]. 2024 Mar 13;rs.3.rs-3979237. doi: 10.21203/rs.3.rs-3979237/v1. PMID: 38559048; PMCID: PMC10980156.
11-201	Rabbit IgG Isotype Control	Nayak TK, Mamidi P, Sahoo SS, Kumar PS, Mahish C, Chatterjee S, Subudhi BB, Chattopadhyay S, Chattopadhyay S. P38 and JNK Mitogen-Activated Protein Kinases Interact With Chikungunya Virus Non-structural Protein-2 and Regulate TNF Induction During Viral Infection in Macrophages. Front Immunol. 2019 Apr 12;10:786. doi: 10.3389/fimmu.2019.00786. eCollection 2019. PubMed PMID:31031770; PubMed Central PMCID: PMC6473476.
11-201-PE	Rabbit IgG Isotype control- PE Conjugated	Mori D, Tsujikawa T, Sugiyama Y, Kotani SI, Fuse S, Ohmura G, Arai A, Kawaguchi T, Hirano S, Mazda O, Kishida T. Extracellular acidity in tumor tissue upregulates programmed cell death protein 1 expression on tumor cells via proton-sensing G protein-coupled receptors. Int J Cancer. 2021 Dec 15;149(12):2116-2124. doi: 10.1002/ijc.33786. Epub 2021 Sep 13. PMID: 34460096
11-301	Peroxidase conjugated Goat anti Mouse IgG (H+L)	1. Das P, Pal S, Das N, Chakraborty K, Chatterjee K, Mal S, Choudhuri T. Endogenous PTEN acts as the key determinant for mTOR inhibitor sensitivity by inducing the stress-sensitized PTEN-mediated death axis in KSHV-associated malignant cells. Front Mol Biosci. 2023 Aug 2;10:1062462. doi: 10.3389/fmolb.2023.1062462. PMID: 37602330; PMCID: PMC10433768.
		2. Dutta A, Panchali T, Khatun A, Jarapala SR, Das K, Ghosh K, Chakrabarti S, Pradhan S. Anti-cancer potentiality of linoelaidic acid isolated from marine Tapra fish oil (Ophisthoporus tardoore) via ROS generation and caspase activation on MCF-7 cell line. Sci Rep. 2023 Aug 29;13(1):14125. doi: 10.1038/s41598-023-34885-3. PMID: 37644076
11-302	Alkaline phosphatase conjugated Goat anti Mouse IgG (H+L)	1. Panigrahi B, Singh RK, Mishra S, Mandal D. Cyclic peptide-based nanostructures as efficient siRNA carriers. Artif Cells Nanomed Biotechnol. 2018 Oct 12;1:11. doi: 10.1080/21691401.2018.1511574. [Epub ahead of print] PubMed PMID: 30311806.
		2. Baral B, Panigrahi B, Kar A, Tulsyan KD, Suryakant U, Mandal D, Subudhi U. Peptide nanostructures-based delivery of DNA nanomaterial therapeutics for regulating gene expression. Molecular Therapy: Nucleic Acid (2023), doi: https://doi.org/10.1016/j.omtn.2023.07.017

Cat. No.	Product Name	Citations
11-2001	Coronavirus (COVID-19) Spike Antibody	Heather Swann, Abhimanyu Sharma, Benjamin Preece, Abby Peterson, Crystal Eldridge, David M. Belnap, Michael Vershinin, Saveez Saffarian. Minimal system for assembly of SARS-CoV-2 virus like particles. bioRxiv 2020.06.01.128058; doi: https://doi.org/10.1101/2020.06.01.128058
11-2001-B	Coronavirus (COVID-19/Sars-Cov-2/2019nCov) Spike biotinylated Antibody	Heather Swann, Abhimanyu Sharma, Benjamin Preece, Abby Peterson, Crystal Eldridge, David M. Belnap, Michael Vershinin, Saveez Saffarian. Minimal system for assembly of SARS-CoV-2 virus like particles. bioRxiv 2020.06.01.128058; doi: https://doi.org/10.1101/2020.06.01.128058
11-2003	Coronavirus (COVID-19) Nucleocapsid Antibody	Shradha Mawatwal, Amruta Mohapatra, Sayani Das, Aisurya Ray, Ratnadeep Mukherjee, Gulam Syed, Shantibushan Senapati, Balachandran Ravindran Prior exposure to malaria decreases SARS-CoV-2 mediated mortality in K18-hACE2 mice without influencing viral load in lungs Section for Immunology, Division of Infection Control, Norwegian Institute of Public Health, Oslo, Norway
11-3041	Polyclonal Antibody to TLR1	Kwabena Danso, I., Woo, JH., Hoon Baek, S. et al. Pulmonary toxicity assessment of polypropylene, polystyrene, and polyethylene microplastic fragments in mice. Toxicol Res. (2024). https://doi.org/10.1007/s43188-023-00224-x https://link.springer.com/article/10.1007/s43188-023-00224-x#citeas
11-7017	Polyclonal Antibody to Histone H2A	Susanne Hellmuth, Olaf Stemmann In vitro reconstitution reveals requirement of Nek2a and cyclin A2 for Wapl-dependent removal of cohesin from prophase chromatin bioRxiv preprint doi: https://doi.org/10.1101/2024.03.12.584565 ; this version posted March 12, 2024
11-8110-25	Polyclonal Antibody to Asb-2 - 25 µg	Shin JH, Moreno-Nieves UY, Zhang LH, Chen C, Dixon AL, Linde MH, Mace EM, Sunwoo JB. AHR Regulates NK Cell Migration via ASB2-Mediated Ubiquitination of Filamin A. Front Immunol. 2021 Feb 24;12:624284. doi: 10.3389/fimmu.2021.624284. PMID: 33717133; PMCID: PMC7943850.
11-13002	Polyclonal Antibody to Beta Tubulin	1. Zech M, Dzinovic I, Skorvanek M, Harrer P, Necpal J, Kopajtich R, Kittke V, Tilch E, Zhao C, Tsoma E, Sorrentino U, Indelicato E, Stehr A, Saparov A, Abela L, Adamovicova M, Afenjar A, Assmann B, Baloghova J, Baumann M, Berutti R, Brezna Z, Brugger M, Brunet T, Cogne B, Colangelo I, Conboy E, Distelmaier F, Eckenweiler M, Garavaglia B, Geerlof A, Graf E, Hackenberg A, Harvanova D, Haslinger B, Havrankova P, Hoffmann GF, Janzarik WG, Keren B, Kolnikova M, Kolokotronis K, Kosutzka Z, Koy A, Krenn M, Krygier M, Kusikova K, Maier O, Meitinger T, Mertens C, Milenkovic I, Monfrini E, Mourao ASD, Musacchio T, Nizon M, Ostrozovicova M, Pavlov M, Prihodova I, Rektorova I, Romito LM, Rybanska B, Sadr-Nabavi A, Schwenger S, Shoeibi A, Sitzberger A, Smirnov D, Svanterova J, Tautanova R, Toelle SP, Ulmanova O, Vetrini F, Vill K, Wagner M, Weise D, Zorzi G, Di Fonzo A, Oexle K, Berweck S, Mall V, Boesch S, Schormair B, Prokisch H, Jech R, Winkelmann J. Combined genomics and proteomics unveils elusive variants and vast aetiological heterogeneity in dystonia. Brain. 2025 Feb 12;awaf059. doi: 10.1093/brain/awaf059. Epub ahead of print. PMID: 39937650. 2. Harrer P, Krygier M, Krenn M, Kittke V, Danis M, Krastev G, Saparov A, Pichon V, Malbos M, Scherer C, Dzinovic I, Skorvanek M, Kopajtich R, Prokisch H, Silveira S, Grisold A, Mazurkiewicz-Bezdzińska M, de Sainte Agathe JM, Winkelmann J, Necpal J, Jech R, Zech M. Expanding the Allelic and Clinical Heterogeneity of Movement Disorders Linked to Defects of Mitochondrial Adenosine Triphosphate Synthase. Mov Disord. 2025 Apr 25. doi: 10.1002/mds.30209. Epub ahead of print. PMID: 40276935.

Cat. No.	Product Name	Citations
11-13012	Polyclonal Antibody to Beta actin	1. Panda PK, Naik PP, Meher BR, Das DN, Mukhopadhyay S, Praharaj PP, Maiti TK, Bhutia SK. PUMA dependent mitophagy by Abrus agglutinin contributes to apoptosis through ceramide generation. Biochim Biophys Acta Mol Cell Res. 2018 Mar;1865(3):480-495. doi: 10.1016/j.bbamcr.2017.12.002. Epub 2017 Dec 8. PubMed PMID: 2922947 2. Nayak TK, Mamidi P, Kumar A, Singh LP, Sahoo SS, Chattopadhyay S, Chattopadhyay S. Regulation of Viral Replication, Apoptosis and Pro-Inflammatory Responses by 17-AAG during Chikungunya Virus Infection in Macrophages. Viruses. 2017 Jan 6;9(1). pii: E3. doi: 10.3390/v9010003. PubMed PMID: 28067803; PubMed Central PMCID: PMC5294972. 3. Panigrahi B, Singh RK, Mishra S, Mandal D. Cyclic peptide-based nanostructures as efficient siRNA carriers. Artif Cells Nanomed Biotechnol. 2018 Oct 12:1-11. doi: 10.1080/21691401.2018.1511574. [Epub ahead of print] PubMed PMID: 30311806. 4. Panigrahi B, Mishra S, Singh RK, Siddiqui N, Bal R, Mandal D. Peptide generated anisotropic gold nanoparticles as efficient siRNA vectors. Int J Pharm. 2019 May 30;563:198-207. doi: 10.1016/j.ijpharm.2019.04.007. Epub 2019 Apr 3. PubMed PMID: 30953762. 5. Yavvari PS, Verma P, Mustfa SA, Pal S, Kumar S, Awasthi AK, Ahuja V, Srikanth CV, Srivastava A, Bajaj A. A nanogel based oral gene delivery system targeting SUMOylation machinery to combat gut inflammation. Nanoscale. 2019 Mar14;11(11):4970-4986. doi: 10.1039/c8nr09599j. PubMed PMID: 30839018. 6. Shahrar RA, Linares G, Wang Y, Hsueh SC, Wu CC, Chuang DM, Chiang YH, Chen KY. Transplantation of Mesenchymal Stem Cells Overexpressing FGF21 Facilitates Cognitive Recovery and Enhances Neurogenesis in a Mouse Model of Traumatic Brain Injury. J Neurotrauma. 2019 Jul 12. doi: 10.1089/neu.2019.6422. [Epub ahead of print] PubMed PMID: 31298621.
12-1244	Anti-SOX10(Melanoma Marker) Recombinant Rabbit Monoclonal Antibody (Clone:SOX10/2311R)	Fernandez-Palomo C, Trappetti V, Potez M, Pelliccioli P, Krusch M, Laissue J, Djonov V. Complete Remission of Mouse Melanoma after Temporally Fractionated Microbeam Radiotherapy. Cancers . 2020; 12(9):2656. https://doi.org/10.3390/cancers12092656
12-9195	Anti-DKK1(sirexatamab biosimilar) mAb	Wang L, Peterson SM, Yang M, Lujan Hernandez AG, Yuan TZ, Han Z, Prabhu V, Chan KY, Hu CF, Villalta M, Htoy T, VanDyke P, Holliday C, Franco H, Wadhwa H, Giang H, Stafford R, Axelrod F, Sato A. A multi-faceted discovery strategy identifies functional antibodies binding to cysteine-rich domain 1 of hDKK1 for cancer immunotherapy via Wnt non-canonical pathway. Oncogene. 2025 May 20. doi: 10.1038/s41388-025-03445-6. Online ahead of print. PMID: 40394415
14-100ACL	NF-kB LEEPORTER™ Luciferase Reporter- RAW264.7 Cell Line	Piri-Gharaghie T, Doosti A, Mirzaei SA. Novel adjuvant nano-vaccine induced immune response against Acinetobacter baumannii. AMB Express. 2023 Mar 11;13(1):31. doi: 10.1186/s13568-023-01531-0. PMID: 36905472; PMCID: PMC10008545.

Cat. No.	Product Name	Citations
14-102ACL	AP-1 LEEPORTER™ Luciferase Reporter-HEK293 Cell Line	Wang F, Stappenbeck F, Tang LY, Zhang YE, Hui ST, LUSIS AJ, Parhami F. Oxy210, a Semi-Synthetic Oxysterol, Exerts Anti-Inflammatory Effects in Macrophages via Inhibition of Toll-like Receptor (TLR) 4 and TLR2 Signaling and Modulation of Macrophage Polarization. Int J Mol Sci. 2022 May 13;23(10):5478. doi: 10.3390/ijms23105478. PMID: 35628290; PMCID: PMC9141227.
14-111ACL	NFAT LEEPORTER™ Luciferase Reporter-RAW264.7 Cell Line	Karpurapu M, Nie Y, Chung S, Yan J, Dougherty P, Pannu S, Wisler J, Harkless R, Parinandi N, Berdyshev E, Pei D and Christman JW (2024) The calcineurin–NFATc pathway modulates the lipid mediators in BAL fluid extracellular vesicles, thereby regulating microvascular endothelial cell barrier function. Front. Physiol. 15:1378565. doi: 10.3389/fphys.2024.1378565 https://www.frontiersin.org/journals/physiology/articles/10.3389/fphys.2024.1378565/full
14-112ACL	STAT1 LEEPORTER™ Luciferase Reporter-HeLa Cell Line	Jitschin R, Böttcher M, Saul D, Lukassen S, Bruns H, Loschinski R, Ekici AB, Reis A, Mackensen A, Mougiakakos D. Inflammation-induced glycolytic switch controls suppressivity of mesenchymal stem cells via STAT1 glycosylation. Leukemia. 2019 Jan 24. doi: 10.1038/s41375-018-0376-6. [Epub ahead of print] PubMed PMID: 30679801
14-117ACL	Nrf2 LEEPORTER™ Luciferase Reporter-MCF7 Cell Line	Chen Zhang, Pierre-Yves Fortin, Guillaume Barnoin, Xue Qin, Xing Wang, et al.. Artemisinin Derivative-NHC-gold(I)-Hybrid with enhanced cytotoxic activity through inhibiting NRF2 transcriptional activity. 2020. hal-02442823
14-124ACL	TLR4/IL-8 LEEPORTER™ Luciferase Reporter-HeLa Cell Line	Wang F, Stappenbeck F, Tang LY, Zhang YE, Hui ST, LUSIS AJ, Parhami F. Oxy210, a Semi-Synthetic Oxysterol, Exerts Anti-Inflammatory Effects in Macrophages via Inhibition of Toll-like Receptor (TLR) 4 and TLR2 Signaling and Modulation of Macrophage Polarization. Int J Mol Sci. 2022 May 13;23(10):5478. doi: 10.3390/ijms23105478. PMID: 35628290; PMCID: PMC9141227.
14-125ACL	NF-κB LEEPORTER™ Luciferase Reporter-HEK293 Cell Line	1. Piri-Gharaghie T, Doosti A, Mirzaei SA. Novel adjuvant nano-vaccine induced immune response against Acinetobacter baumannii. AMB Express. 2023 Mar 11;13(1):31. doi: 10.1186/s13568-023-01531-0. PMID: 36905472; PMCID: PMC10008545.
		2. Wang F, Stappenbeck F, Tang LY, Zhang YE, Hui ST, LUSIS AJ, Parhami F. Oxy210, a Semi-Synthetic Oxysterol, Exerts Anti-Inflammatory Effects in Macrophages via Inhibition of Toll-like Receptor (TLR) 4 and TLR2 Signaling and Modulation of Macrophage Polarization. Int J Mol Sci. 2022 May 13;23(10):5478. doi: 10.3390/ijms23105478. PMID: 35628290; PMCID: PMC9141227.
14-127ACL	TLR2/NF-κB LEEPORTER™ Luciferase Reporter-HEK293 Cell Line	Wang F, Stappenbeck F, Tang LY, Zhang YE, Hui ST, LUSIS AJ, Parhami F. Oxy210, a Semi-Synthetic Oxysterol, Exerts Anti-Inflammatory Effects in Macrophages via Inhibition of Toll-like Receptor (TLR) 4 and TLR2 Signaling and Modulation of Macrophage Polarization. Int J Mol Sci. 2022 May 13;23(10):5478. doi: 10.3390/ijms23105478. PMID: 35628290; PMCID: PMC9141227.

Cat. No.	Product Name	Citations
14-129ACL	TLR7/NF-kB LEEporter™ Luciferase Reporter-HEK293 Cell Line	Affonso de Oliveira JF, Moreno-Gonzalez MA, Ma Y, Deng X, Schuphan J, Steinmetz NF. Plant Virus Intratumoral Immunotherapy with CPMV and PVX Elicits Durable Antitumor Immunity in a Mouse Model of Diffuse Large B-Cell Lymphoma. Mol Pharm. 2024 Nov 11. doi: 10.1021/acs.molpharmaceut.4c00507. Epub ahead of print. PMID: 39526560.
14-131ACL	TLR9/NF-kB LEEporter™ Luciferase Reporter-HEK293 Cell Line	Piri-Gharaghie T, Doosti A, Mirzaei SA. Novel adjuvant nano-vaccine induced immune response against Acinetobacter baumannii. AMB Express. 2023 Mar 11;13(1):31. doi: 10.1186/s13568-023-01531-0. PMID: 36905472; PMCID: PMC1008545.
14-138ACL	ATF6 LEEporter™ Luciferase Reporter-HeLa Cell Line	Lewandowski M, Busch R, Marschner JA, Merk D. Comparative Evaluation and Profiling of Chemical Tools for the Nuclear Hormone Receptor Family 2. ACS Pharmacol Transl Sci. 2025 Mar 14;8(3):854-870. doi: 10.1021/acsptsci.4c00719. Epub 2025 Feb 20. PMID: 40046426; PMCID: PMC7617459.
14-144ACL	FOXP3 LEEporter™ Luciferase Reporter-Jurkat Cell Line	Suzuki R, Mishima M, Nagane M, Mizugaki H, Suzuki T, Komuro M, Shimizu T, Fukuyama T, Takeda S, Ogata M, Miyamoto T, Aihara N, Kamiie J, Kamisuki S, Yokaryo H, Yamashita T, Satoh T. The novel sustained 3-hydroxybutyrate donor poly-D-3-hydroxybutyric acid prevents inflammatory bowel disease through upregulation of regulatory T-cells. FASEB J. 2023 Jan;37(1):e22708. doi: 10.1096/fj.202200919R. PMID: 36562544.
14-522ACL	A2AR Stable Cell Line	Monticone G, Huang Z, Hewins P, Cook T, Mirzalieva O, King B, Larter K, Miller-Ensminger T, Sanchez-Pino MD, Foster TP, Nichols OV, Ramsay AJ, Majumder S, Wyczzechowska D, Tazier D, Gravois E, Crabtree JS, Garai J, Li L, Zabaleta J, Barbier MT, Del Valle L, Jurado KA, Miele L. Novel immunomodulatory properties of adenosine analogs promote their antiviral activity against SARS-CoV-2. EMBO Rep. 2024 Aug;25(8):3547-3573. doi: 10.1038/s44319-024-00189-4. Epub 2024 Jul 15. PMID: 39009832; PMCID: PMC11315900.
14-700ACL	NF-kB LEEporter™ GFP Reporter-HEK293 Cell Line	Schallmayer E, Isigkeit L, Elson L, Müller S, Knapp S, Marschner JA, Merk D. Chemogenomics for steroid hormone receptors (NR3). Commun Chem. 2025 Feb 3;8(1):29. doi: 10.1038/s42004-025-01427-z. PMID: 39900826
15-1016	Imidazoquinoline Resiquimod (R-848)	1. Zhang K, Zakeri A, Alban T, Dong J, Ta HM, Zalavadia AH, Branicky A, Zhao H, Juric I, Husich H, Parthasarathy PB, Rupani A, Drazba JA, Chakraborty AA, Ching-Cheng Huang S, Chan T, Avril S, Wang LL. VISTA promotes the metabolism and differentiation of myeloid-derived suppressor cells by STAT3 and polyamine-dependent mechanisms. Cell Rep. 2024 Jan 3;43(1):113661. doi: 10.1016/j.celrep.2023.113661. Epub ahead of print. PMID: 38175754.
		2. Comparative analyses for plant virus-based cancer immunotherapy drug development Omole, Anthony O. et al. Cell Biomaterials, Volume 0, Issue 0, 100095 https://www.cell.com/action/showCitFormats?doi=10.1016%2Fj.celbio.2025.100095&pii=S3050-5623%2825%2900086-8

Cat. No.	Product Name	Citations
15-1018	CpG ODN (1826), TLR9 ligand (Class B)	Zhang K, Zakeri A, Alban T, Dong J, Ta HM, Zalavadia AH, Branicky A, Zhao H, Juric I, Husich H, Parthasarathy PB, Rupani A, Drazba JA, Chakraborty AA, Ching-Cheng Huang S, Chan T, Avril S, Wang LL. VISTA promotes the metabolism and differentiation of myeloid-derived suppressor cells by STAT3 and polyamine-dependent mechanisms. Cell Rep. 2024 Jan 3;43(1):113661. doi: 10.1016/j.celrep.2023.113661. Epub ahead of print. PMID: 38175754.
17-1002	Annexin V-FITC Apoptosis Detection Kit	1. Paul P, Verma S, Kumar Panda P, Jaiswal S, Sahu BR, Suar M. Molecular insight to influential role of Hha-TomB toxin-antitoxin system for antibacterial activity of biogenic silver nanoparticles. Artif Cells Nanomed Biotechnol. 2018;46(sup3):S572-S584. doi: 10.1080/21691401.2018.1503598. Epub 2018 Nov 16. PubMed PMID: 30444141. 2. Anuja K, Chowdhury AR, Saha A, Roy S, Rath AK, Kar M, Banerjee B. Radiation-induced DNA damage response and resistance in colorectal cancer stem-like cells. Int J Radiat Biol. 2019 Jun;95(6):667-679. doi: 10.1080/09553002.2019.1580401. Epub 2019 Mar 20. PubMed PMID: 30753097. 3. Maity P, Bepari M, Pradhan A, Baral R, Roy S, Maiti Choudhury S. Synthesis and characterization of biogenic metal nanoparticles and its cytotoxicity and anti-neoplasticity through the induction of oxidative stress, mitochondrial dysfunction and apoptosis. Colloids Surf B Biointerfaces. 2018 Jan 1;161:111-120. doi: 10.1016/j.colsurfb.2017.10.040. Epub 2017 Oct 13. PubMed PMID: 29055863. 4. Banerjee A, Patra SA, Sahu G, Sciortino G, Pisanu F, Garribba E, Carvalho MFNN, Correia I, Pessoa JC, Reuter H, Dinda R. A Series of Non-Oxido VIV Complexes of Dibasic ONS Donor Ligands: Solution Stability, Chemical Transformations, Protein Interactions, and Antiproliferative Activity. Inorg Chem. 2023 May 22;62(20):7932-7953. doi: 10.1021/acs.inorgchem.3c00753. Epub 2023 May 8. PMID: 37154533; PMCID: PMC10367067. 5. Amol S. Shinde & Rita R. Mannose-anchored solid lipid nanoparticles loaded with atorvastatin calcium and vinpocetine as targeted therapy for breast cancer. Future Journal of Pharmaceutical Sciences volume 9, Article number: 81 (2023) https://fjps.springeropen.com/articles/10.1186/s43094-023-00531-y
17-1101	Leeporter™ Renilla Luciferase Assay Reagent- 1000 Test	1. Suzuki R, Mishima M, Nagane M, Mizugaki H, Suzuki T, Komuro M, Shimizu T, Fukuyama T, Takeda S, Ogata M, Miyamoto T, Aihara N, Kamiie J, Kamisuki S, Yokaryo H, Yamashita T, Satoh T. The novel sustained 3-hydroxybutyrate donor poly-D-3-hydroxybutyric acid prevents inflammatory bowel disease through upregulation of regulatory T-cells. FASEB J. 2023 Jan;37(1):e22708. doi: 10.1096/fj.202200919R. PMID: 36562544. 2. Hratch Matthew Baghdassarian Understanding How Context Influences Function Across Biological Scales in Multicellular Mammalian Systems A dissertation submitted in partial satisfaction of the requirements for the degree of Doctor of Philosophy in Bioinformatics and Systems Biology UNIVERSITY OF CALIFORNIA SAN DIEGO https://escholarship.org/content/qt91m6s7f8/qt91m6s7f8_noSplash_4ebef6c201c519213351d0b4ac89e7ba.pdf?t=s29esl

Cat. No.	Product Name	Citations
17-3001	SARS-CoV-2 Inhibitor Screening Kit	Hameed, Noor S.; Arif, Inam Sameh; Al-Sudani, Basma Talib Preventive treatment of coronavirus disease-2019 virus using coronavirus disease-2019-receptor-binding domain 1C aptamer by suppress the expression of angiotensin-converting enzyme 2 receptor. Journal of Advanced Pharmaceutical Technology & Research 14(3):p 185-190, Jul-Sep 2023
20-1019	Polyclonal antibody to BAK	Bose D, Rogers KA, Shirreff LM, Chebloune Y, Villinger FJ. Enhanced HIV immune responses elicited by an apoptotic single-cycle SHIV lentivector DNA vaccine. Front Cell Infect Microbiol. 2025 Apr 10;15:1481427. doi: 10.3389/fcimb.2025.1481427. PMID: 40292218; PMCID: PMC12023480.
20-1022	Polyclonal antibody to Bax	Bose D, Rogers KA, Shirreff LM, Chebloune Y, Villinger FJ. Enhanced HIV immune responses elicited by an apoptotic single-cycle SHIV lentivector DNA vaccine. Front Cell Infect Microbiol. 2025 Apr 10;15:1481427. doi: 10.3389/fcimb.2025.1481427. PMID: 40292218; PMCID: PMC12023480.
20-1043	Polyclonal antibody to Caspase 8 (active/cleaved)	Bose D, Rogers KA, Shirreff LM, Chebloune Y, Villinger FJ. Enhanced HIV immune responses elicited by an apoptotic single-cycle SHIV lentivector DNA vaccine. Front Cell Infect Microbiol. 2025 Apr 10;15:1481427. doi: 10.3389/fcimb.2025.1481427. PMID: 40292218; PMCID: PMC12023480.
21-1003	Recombinant SARS-CoV-2/COVID-19 Nucleocapsid Protein His Tag	1. Wei C, Datta PK, Siegerist F, Li J, Yashwanth S, Koh KH, Kriho NW, Ismail A, Luo S, Fischer T, Amber KT, Cimbalk D, Landay A, Endlich N, Rappaport J; Michigan Medicine COVID-19 Investigators; Hayek SS, Reiser J. SuPAR mediates viral response proteinuria by rapidly changing podocyte function. Nat Commun. 2023 Jul 21;14(1):4414. doi: 10.1038/s41467-023-40165-5. PMID: 37479685; PMCID: PMC10362037.
		2. Cynthia L. Swan, Valentine Dushimiyimana, Pacifique Ndishimye, David J. Kelvin, Leopold Bitunguhari, Alyson A. Kelvin. Third COVID-19 vaccine dose boosts antibody function in Rwandans with high HIV viral load iScience 26, 107959 October 20, 2023 Â 2023. https://doi.org/10.1016/j.isci.2023.107959
		3. Ethan B. Jansen ¹ , Ali Toloue Ostadgavahi ² , Benjamin Hewins ² , Rachelle Buchanan ¹ , Brittany M. Thivierge ¹ , Gustavo S. Martinez ² , Una Goncin ¹ , Magen E. Francis ¹ , Cynthia L. Swan ¹ , Erin Scruten ¹ , Jack Bell ¹ , Joseph Darbellay ¹ , Antonio Facciolo ¹ , Darryl Falzarano ¹ , Volker Gerdt ¹ , Mark E. Fenton ¹ , Peter Hedlin ¹ , David J. Kelvin ² , Alyson A. Kelvin PASC (Post Acute Sequelae of COVID-19) is associated with decreased neutralizing antibody titers and increased inflammatory cytokines. This is a preprint; it has not been peer reviewed by a journal. https://doi.org/10.21203/rs.3.rs-3399447/v1
21-1022	Influenza A M2 Recombinant Protein	Schulte MC, Boll AC, Barcellona AT, Lopez EA, Schrum AG, Ulery BD. Peptide Antigen Modifications Influence the On-Target and Off-Target Antibody Response for an Influenza Subunit Vaccine. Vaccines (Basel). 2025 Jan 9;13(1):51. doi: 10.3390/vaccines13010051. PMID: 39852830

Cat. No.	Product Name	Citations
30-1502	Anti-CD123 Monoclonal Antibody (Clone:6H6)	Uetz-von Allmen E, Samson GPB, Purvanov V, Maeda T, Legler DF. CAL-1 as Cellular Model System to Study CCR7-Guided Human Dendritic Cell Migration. Front Immunol. 2021 Sep 16;12:702453. doi: 10.3389/fimmu.2021.702453. PMID: 34603281; PMCID: PMC8482423.
30-2132	Anti-CD57 Monoclonal Antibody (Clone:TB01)-PE Conjugated	Brandt, Claus. Systemic inflammation and immune function in patients with cancer. Diss. School of Health and Medical Sciences, University of Copenhagen, 2021.
31-2027	Rat Anti-Mouse Ly-6A/E-LENA™ (Low Endotoxin No Azide) Clone: D7	Hordeaux J, Yuan Y, Clark PM, Wang Q, Martino RA, Sims JJ, Bell P, Raymond A, Stanford WL, Wilson JM. The GPI-Linked Protein LY6A Drives AAV-PHP.B Transport across the Blood-Brain Barrier. Mol Ther. 2019 Feb 20. pii: S1525-0016(19)30054-1. doi: 10.1016/j.ymthe.2019.02.013. [Epub ahead of print] PubMed PMID: 30819613.
31-2250	Rat Anti-Mouse CD86	Ahmed ahmed Incidence of Pulmonary Carcinogenic Changes After One Hundred Weeks of Solitary α -quartz Exposure in Albino Wistar Rats (In vivo Study) Article 4, Volume 44, Issue 2, June 2021, Page 339-348 XMLPDF (909.88 K) Document Type: Original Article DOI: 10.21608/EJH.2020.30485.1291 https://ejh.journals.ekb.eg/article_96102.html
32-1368	mIL 1 beta Recombinant Protein	Xia, M., Stegmeyer, R.L., Shirakura, K. et al. Conditions that promote transcellular neutrophil migration in vivo. Sci Rep 14, 14471 (2024). https://doi.org/10.1038/s41598-024-65173-3 https://www.nature.com/articles/s41598-024-65173-3
32-1420	sIL 6R Recombinant Protein	Chen Y, Wang X, Yu Y, Xiao Y, Huang J, Yao Z, Chen X, Zhou T, Li P, Xu C. Serum exosomes of chronic gastritis patients infected with Helicobacter pylori mediate IL-1 β expression via IL-6 trans-signalling in gastric epithelial cells. Clin Exp Immunol. 2018 Aug 13. doi: 10.1111/cei.13200. [Epub ahead of print] PubMed PMID: 30105789.
32-18009	SARS-CoV-2 Nucleocapsid protein	Reiser J1, Wei C2, Datta P3, Siegerist F1, Li J1, Sudhini Y4, Koh K5, Kriho N6, Ismail A1, Luo S2, Fischer T1, Amber K5, Cimbaluk D1, Landay A3, Endlich N2, Rappaport J6, Hayek S1. Virus-response proteinuria underlies rapid changes in kidney filtration barrier function in COVID-19. Preprint from Research Square, 23 Mar 2023. DOI: 10.21203/rs.3.rs-2659085/v1 PPR635107
32-190001	COVID-19 Nucleoprotein(N) Protein	1. Karwaciak, I.; Sałkowska, A.; Karaś, K.; Dastyh, J.; Ratajewski, M. Nucleocapsid and Spike Proteins of the Coronavirus SARS-CoV-2 Induce IL6 in Monocytes and Macrophages-Potential Implications for Cytokine Storm Syndrome. Vaccines 2021, 9, 54. https://doi.org/10.3390/vaccines9010054
		2. Sałkowska, A., Karwaciak, I., Karaś, K., Dastyh, J. and Ratajewski, M. SARS-CoV-2 Proteins Induce IFNG in Th1 Lymphocytes Generated from CD4+ Cells from Healthy, Unexposed Polish Donors. Vaccines 2020, 8(4), 673; https://doi.org/10.3390/vaccines8040673

Cat. No.	Product Name	Citations
32-190005	Recombinant 2019-nCoV S1 Protein (Active)	1. Sałkowska, A., Karwaciak, I., Karaś, K., Dastyh, J. and Ratajewski, M. SARS-CoV-2 Proteins Induce IFNG in Th1 Lymphocytes Generated from CD4+ Cells from Healthy, Unexposed Polish Donors. Vaccines 2020, 8(4), 673; https://doi.org/10.3390/vaccines8040673 2. Paidi, R.K., Jana, M., Mishra, R.K., Dutta, D., Raha, S. & Pahan, K. ACE-2-interacting Domain of SARS-CoV-2 (AIDS) Peptide Suppresses Inflammation to Reduce Fever and Protect Lungs and Heart in Mice: Implications for COVID-19 Therapy. Journal of Neuroimmune Pharmacology (2021). https://doi.org/10.1007/s11481-020-09979-8 3. Karwaciak, I.; Sałkowska, A.; Karaś, K.; Dastyh, J.; Ratajewski, M. Nucleocapsid and Spike Proteins of the Coronavirus SARS-CoV-2 Induce IL6 in Monocytes and Macrophages-Potential Implications for Cytokine Storm Syndrome. Vaccines 2021, 9, 54. https://doi.org/10.3390/vaccines9010054. 4. Jugler C, Sun H, Chen Q. SARS-CoV-2 Spike Protein-Induced Interleukin 6 Signaling Is Blocked by a Plant-Produced Anti-Interleukin 6 Receptor Monoclonal Antibody. Vaccines. 2021; 9(11):1365. https://doi.org/10.3390/vaccines9111365 5. Wei C, Datta PK, Siegerist F, Li J, Yashwanth S, Koh KH, Kriho NW, Ismail A, Luo S, Fischer T, Amber KT, Cimbalk D, Landay A, Endlich N, Rappaport J; Michigan Medicine COVID-19 Investigators; Hayek SS, Reiser J. SuPAR mediates viral response proteinuria by rapidly changing podocyte function. Nat Commun. 2023 Jul 21;14(1):4414. doi: 10.1038/s41467-023-40165-5. PMID: 37479685; PMCID: PMC10362037. 6. Ciszewski WM, Wozniak LA, Sobierajska K. SARS-CoV-2 S and N protein peptides drive invasion abilities of colon cancer cells through TGF-β1 regulation. Biochim Biophys Acta Mol Cell Res. 2023 Oct;1870(7):119541. doi: 10.1016/j.bbamcr.2023.119541. Epub 2023 Jul 17. PMID: 37468071. 7. Jugler C, Sun H, Chen Q. SARS-CoV-2 Spike Protein-Induced Interleukin 6 Signaling Is Blocked by a Plant-Produced Anti-Interleukin 6 Receptor Monoclonal Antibody. Vaccines (Basel). 2021 Nov 20;9(11):1365. doi: 10.3390/vaccines9111365. PMID: 34835296; PMCID: PMC8623585.
32-190014	Recombinant Sars-Cov-2 (COVID-19/2019-nCov) Spike RBD Protein	Doan C. Nguyen¹, Ian T. Hentenaar¹, Andrea Morrison-Porter¹, David Solano¹, Natalie S.Haddad¹, Carlos Castrillon², Pedro A. Lamothe¹, Joel Andrews³, Danielle Roberts³, Sagar Lonial³, Ignacio Sanz^{2,4}, F. Eun-Hyung Lee^{1,4*} The Majority of SARS-CoV-2 Plasma Cells are Excluded from the Bone Marrow Long-Lived Compartment 33 Months after mRNA Vaccination medRxiv preprint doi: https://www.medrxiv.org/content/10.1101/2024.03.02.24303242v1; this version posted March 5, 2024. https://www.medrxiv.org/content/10.1101/2024.03.02.24303242v1.full.pdf
32-190015	Recombinant Sars-Cov-2 (COVID-19/2019-nCov) Spike S1 Protein	1. Reiser J1, Wei C2, Datta P3, Siegerist F1, Li J1, Sudhini Y4, Koh K5, Kriho N6, Ismail A1, Luo S2, Fischer T1, Amber K5, Cimbalk D1, Landay A3, Endlich N2, Rappaport J6, Hayek S1. Virus-response proteinuria underlies rapid changes in kidney filtration barrier function in COVID-19. Preprint from Research Square, 23 Mar 2023. DOI: 10.21203/rs.3.rs-2659085/v1 PPR: PPR635107

Cat. No.	Product Name	Citations
32-190015	Recombinant Sars-Cov-2 (COVID-19/ 2019-nCov) Spike S1 Protein	2. Noviello M, De Lorenzo R, Chimienti R, Maugeri N, De Lalla C, Siracusano G, Lorè NI, Rancoita PMV, Cugnata F, Tassi E, Dispinseri S, Abbati D, Beretta V, Ruggiero E, Manfredi F, Merolla A, Cantarelli E, Tresoldi C, Pastori C, Caccia R, Sironi F, Marzinotto I, Saliu F, Ghezzi S, Lampasona V, Vicenzi E, Cinque P, Manfredi AA, Scarlatti G, Dellabona P, Lopalco L, Di Serio C, Malnati M, Ciceri F, Rovere-Querini P, Bonini C. The longitudinal characterization of immune responses in COVID-19 patients reveals novel prognostic signatures for disease severity, patients' survival and long COVID. Front Immunol. 2024 Jul 29;15:1381091. doi: 10.3389/fimmu.2024.1381091. PMID: 39136010; PMCID: PMC11317765.
32-190020	Recombinant SARS-CoV-2 Spike S1 Protein (His Tag)	1. Paidi RK, Jana M, Raha S, Mishra RK, Jeong B, Sheinin M, Pahan K. Prenol, but Not Vitamin C, of Fruit Binds to SARS-CoV-2 Spike S1 to Inhibit Viral Entry: Implications for COVID-19. J Immunol. 2023 May 5;jj2200279. doi: 10.4049/jimmunol.2200279. Epub ahead of print. PMID: 37144841. 2. Paidi RK, Jana M, Raha S, McKay M, Sheinin M, Mishra RK, Pahan K. Eugenol, a Component of Holy Basil (Tulsi) and Common Spice Clove, Inhibits the Interaction Between SARS-CoV-2 Spike S1 and ACE2 to Induce Therapeutic Responses. J Neuroimmune Pharmacol. 2021 Dec;16(4):743-755. doi: 10.1007/s11481-021-10028-1. Epub 2021 Oct 22. PMID: 34677731; PMCID: PMC8531902.
32-190021	Recombinant SARS-CoV-2 Envelope Protein, Avi and His Tag	Díez JM, Romero C, Cruz M, Vandeberg P, Merritt WK, Pradenas E, Trinité B, Blanco J, Clotet B, Willis T, Gajardo R. Anti-Severe Acute Respiratory Syndrome Coronavirus 2 Hyperimmune Immunoglobulin Demonstrates Potent Neutralization and Antibody-Dependent Cellular Cytotoxicity and Phagocytosis Through N and S Proteins. J Infect Dis. 2022 Mar 15;225(6):938-946. doi: 10.1093/infdis/jiab540. PMID: 34693968; PMCID: PMC8574314.
32-2060	PMSG Native Protein	1. S. M. Fields, G. E. Powers, C. D. Felker, and D. M. Hallford . Reproductive Cyclicity and Progesterone Profiles in Postpartum Rambouillet Ewes treated with a Progesterone Containing Intravaginal Insert and PMSG Proceedings, Western Section, American Society of Animal Science Vol. 62, 2011. PMSG prospec publication https://www.asas.org/docs/western-section/2011-western-section-proceedings.pdf?sfvrsn=47455f63_0 2. Wang S, Lin C, Shi H, Xie M, Zhang W, Lv J. Correlation of the mitochondrial activity of two-cell embryos produced in vitro and the two-cell block in Kunming and B6C3F1 mice. Anat Rec (Hoboken). 2009 May;292(5):661-9. doi: 10.1002/ar.20890. PMID: 19382236. 3. Tröder SE, Ebert LK, Butt L, Assenmacher S, Schermer B, Zevnik B. An optimized electroporation approach for efficient CRISPR/Cas9 genome editing in murine zygotes. PloS one. 2018;13(5):e0196891. Epub 2018/05/04. doi: 10.1371/journal.pone.0196891. PubMed PMID: 29723268; PubMed Central PMCID: PMC5933690.
32-3944	HDL Native Protein	ten Brink SCA, Koolen L, Klaver CCW, Bakker RA, den Hollander AI, Almedawar S. Non-canonical roles of CFH in retinal pigment epithelial cells revealed by dysfunctional rare CFH variants. Stem Cell Reports. 2025 Jan 14;20(1):102385. doi: 10.1016/j.stemcr.2024.11.015. Epub 2025 Jan 2. PMID: 39753135; PMCID: PMC11784488.

Cat. No.	Product Name	Citations
32-7035	Recombinant Mouse Interleukin-1 beta/IL-1 beta	Rebekka I Stegmeyer, Malte Stasch, Daniel Olesker, Jonathan M Taylor, Thomas J Mitchell, Neveen A Hosny, Nils Kirschnick, Gunnar Spickermann, Dietmar Vestweber, Stefan Volkery. Intravital Microscopy With an Airy Beam Light Sheet Microscope Improves Temporal Resolution and Reduces Surgical Trauma. Microscopy and Microanalysis, 2024;; ozae099, https://doi.org/10.1093/mam/ozae099
32-8906	Recombinant Mouse Low Affinity IgG Fc Receptor IV/FcγR4/CD16-2 (C-6His)	1. Wagner JT, Müller-Schmucker SM, Wang W, Arnold P, Uhlig N, Issmail L, Eberlein V, Damm D, Roshanbinfar K, Ensser A, Oltmanns F, Peter AS, Temchura V, Schrödel S, Engel FB, Thirion C, Grunwald T, Wuhrer M, Grimm D, Überla K. Influence of AAV vector tropism on long-term expression and Fc-γ receptor binding of an antibody targeting SARS-CoV-2. Commun Biol. 2024 Jul 16;7(1):865. doi: 10.1038/s42003-024-06529-3. PMID: 39009807; PMCID: PMC11250830. 2. Richel E, Wagner JT, Klessing S, Di Vincenzo R, Temchura V, Überla K. Antigen-dependent modulation of immune responses to antigen-Fc fusion proteins by Fc-effector functions. Front Immunol. 2023 Oct 5;14:1275193. doi: 10.3389/fimmu.2023.1275193. PMID: 37868961; PMCID: PMC10585040.
34-1020	Polyclonal Antibody to Calbindin	Brooks PM, Rose KP, MacRae ML, Rangoussis KM, Gurjar M, Hertzano R, Coate TM. Pou3f4-expressing otic mesenchyme cells promote spiral ganglion neuron survival in the postnatal mouse cochlea. J Comp Neurol. 2020 Jan 29. doi: 10.1002/cne.24867. [Epub ahead of print] PubMed PMID: 31994726.
34-1023	Polyclonal Antibody to Cherry Dsred	Drake KA, Fessler AR, Carroll TJ. Methods for renal lineage tracing: In vivo and beyond. Methods Cell Biol. 2019;154:121-143. doi: 10.1016/bs.mcb.2019.06.002. Epub 2019 Jul 15. PubMed PMID: 31493814.
35-1787	Polyclonal Antibody to Tubulin beta-III	1. Filippi K, Riße I, Judge LM, Conklin BR, Fleischmann BK, Hesse M. Generation and characterization of a human induced pluripotent stem cell (iPSC) line from a patient with BAG3 P209L myofibrillar myopathy-6. Stem Cell Res. 2025 Aug;86:103718. doi: 10.1016/j.scr.2025.103718. Epub 2025 Apr 21. PMID: 40318522 2. Filippi K, Wiemann M, Rupp S, Peitz M, Fleischmann BK, Hesse M. Generation of human induced pluripotent stem cell (iPSC) lines from two patients with BAG3 P209L myofibrillar myopathy-6. Stem Cell Res. 2025 Aug;86:103712. doi: 10.1016/j.scr.2025.103712. Epub 2025 Apr 12. PMID: 40252588 Free article. 3. Filippi K, Wiemann M, Fleischmann BK, Hesse M. Generation of two isogenic control lines by correcting the BAG3 P209L mutation of human induced pluripotent stem cell (hiPSC) lines from patients with myofibrillar myopathy-6. Stem Cell Res. 2025 Feb;82:103627. doi: 10.1016/j.scr.2024.103627. Epub 2024 Dec 7. PMID: 39662463 Free article. 4. Riße I, Filippi K, Wiemann M, Fleischmann BK, Hesse M. Generation of an isogenic series of genome-edited hiPSC lines with the BAG3(P209L)-mutation for modeling myofibrillar myopathy 6. Stem Cell Res. 2025 Feb;82:103641. doi: 10.1016/j.scr.2024.103641. Epub 2024 Dec 21. PMID: 39729860 Free article.

Cat. No.	Product Name	Citations
35-1787	Polyclonal Antibody to Tubulin beta-III	5. Kerstin Filippi 1, Isabelle Riße 1, Luke M Judge 2, Bruce R Conklin 2, Bernd K Fleischmann 1, Michael Hesse 3 Generation and characterization of an isogenic control line by correcting the BAG3 P209L mutation of a human induced pluripotent stem cell (hiPSC) line from a patient with myofibrillar myopathy-6 Stem Cell Res. 2025 Feb;82:103626. doi: 10.1016/j.scr.2024.103626. Epub 2024 Dec 9. PMID: 39662461 6. Zhang Y, Peitz M, Fleischmann BK, Rieck S. Generation of a genome-edited EMILIN1 (c.1606C>T) hiPSC line to investigate aortic aneurysm formation in vitro. Stem Cell Res. 2025 Aug;86:103708. doi: 10.1016/j.scr.2025.103708. Epub 2025 Apr 5. PMID: 40222083. 7. Triantafyllou C, Peitz M, Fleischmann BK, Rieck S. Generation of a homozygous DNMT3A knock-out hiPSC line for modeling of cardiovascular diseases associated with clonal hematopoiesis of indeterminate potential. Stem Cell Res. 2025 Aug;86:103707. doi: 10.1016/j.scr.2025.103707. Epub 2025 Apr 5. PMID: 40311329.
36-1100	Monoclonal Antibody to EGFR (Epidermal Growth Factor Receptor)(Clone : 31G7)	Matsumoto Y, Kobayashi M, Shingu K, et al. An anaplastic pleomorphic xanthoastrocytoma with periventricular extension: An autopsy case report and review of the literature [published online ahead of print, 2020 Jun 23]. Neuropathology. 2020;10.1111/neup.12666. doi:10.1111/neup.12666
36-11091	Monoclonal Antibody to Cytokeratin, Basic (Type II or HMW) (Epithelial Marker) (Clone : 34BE12)	Zhang, Y., Tang, C., Span, P. N., Rowan, A. E., Aalders, T. W., Schalken, J. A., Adema, G. J., Kouwer, P. H. J., Zegers, M. M. P., Ansems, M. Polyisocyanide Hydrogels as a Tunable Platform for Mammary Gland Organoid Formation. Adv. Sci. 2020, 2001797. https://doi.org/10.1002/adv.202001797
36-1189	Monoclonal Antibody to GnRH-Receptor / LH-RH Receptor (Clone : F1G4; same as GNRH03)	1. H Li, XX Zhu, JB Xiang, L Jian Buserelin Inhibits the Immunosuppressive Activity of Regulatory T Cells through the Protein Kinase A Signaling in a Central Precocious Puberty Model. Immunological Investigations, 2021. https://doi.org/10.1080/08820139.2021.1885437 2. Wang X, Zhong L, Liu Q, Cai P, Zhang P, Lu Z, Li X, Liu J. Activation of Gonadotropin-releasing Hormone Receptor Impedes the Immunosuppressive Activity of Decidual Regulatory T Cells via Deactivating the Mechanistic Target of Rapamycin Signaling. Immunol Invest. 2022 Jul;51(5):1330-1346. doi: 10.1080/08820139.2021.1937208. Epub 2021 Jun 16. PMID: 34132158.
36-1236	Monoclonal Antibody to HLA-DRB (MHC II) (Clone : HLA-DRB/1067)	Ishida M, Masuda T, Sakai N, Nakai-Futatsugi Y, Kamao H, Shiina T, Takahashi M, Sugita S. Graft survival of major histocompatibility complex deficient stem cell-derived retinal cells. Commun Med (Lond). 2024 Sep 30;4(1):187. doi: 10.1038/s43856-024-00617-5. PMID: 39349587; PMCID: PMC11442691.
36-1965	Monoclonal Antibody to CD68 (Macrophage Marker) (Clone : KP1)	Liu S, Xie YY, Wang LD, Tai CX, Chen D, Mu D, Cui YY, Wang B. A multi-channel collagen scaffold loaded with neural stem cells for the repair of spinal cord injury. Neural Regen Res 2021;16:2284-92. http://www.nrronline.org/text.asp?2021/16/11/2284/310698

Cat. No.	Product Name	Citations
36-2474	Anti-HLA-A (MHC I) Monoclonal Antibody (Clone: 108-2C5)	Hannah van Dijk, Ilka Wahl, Sara Kraker, Paul M. Robben, Sheetij Dutta, Hedda Wardemann Clonality, specificity, and HLA restriction of human T cell receptors against Plasmodium falciparum CSP doi: https://doi.org/10.1101/2025.01.06.631573 https://www.biorxiv.org/content/10.1101/2025.01.06.631573v1.abstract
36-2475	Anti-HLA-B (MHC Class I) Monoclonal Antibody (Clone: JOAN-1)	Hannah van Dijk, Ilka Wahl, Sara Kraker, Paul M. Robben, Sheetij Dutta, Hedda Wardemann Clonality, specificity, and HLA restriction of human T cell receptors against Plasmodium falciparum CSP doi: https://doi.org/10.1101/2025.01.06.631573 https://www.biorxiv.org/content/10.1101/2025.01.06.631573v1.abstract
39-1062	Anti-beta-Actin Monoclonal Antibody (Clone: AC-15)	Shahror RA, Linares GR, Wang Y, Hsueh SC, Wu CC, Chuang DM, Chiang YH, Chen KY. Transplantation of Mesenchymal Stem Cells Overexpressing Fibroblast Growth Factor 21 Facilitates Cognitive Recovery and Enhances Neurogenesis in a Mouse Model of Traumatic Brain Injury. J Neurotrauma. 2020 Jan 1;37(1):14-26. doi: 10.1089/neu.2019.6422. Epub 2019 Aug 20. PMID: 31298621; PMCID: PMC6921331.
90-2084	Human IL-20 (Interleukin 20) Pre-Coated ELISA Kit	Wang F, Wang J, Zhang Z, Chen S. Tetrandrine inhibits the proliferation and cytokine production induced by IL-22 in HaCaT cells. J Int Med Res. 2018 Nov 14;300060518801463. doi: 10.1177/0300060518801463. [Epub ahead of print] PubMed PMID: 30428756.
90-2094	Human IL-6 (Interleukin 6) Pre-Coated ELISA Kit	Wang F, Wang J, Zhang Z, Chen S. Tetrandrine inhibits the proliferation and cytokine production induced by IL-22 in HaCaT cells. J Int Med Res. 2018 Nov 14;300060518801463. doi: 10.1177/0300060518801463. [Epub ahead of print] PubMed PMID: 30428756.
90-2097	Human IL-8 (Interleukin 8) Pre-Coated ELISA Kit	Wang F, Wang J, Zhang Z, Chen S. Tetrandrine inhibits the proliferation and cytokine production induced by IL-22 in HaCaT cells. J Int Med Res. 2018 Nov 14;300060518801463. doi: 10.1177/0300060518801463. [Epub ahead of print] PubMed PMID: 30428756.
90-2128	Human TNF a (Tumor Necrosis Factor Alpha) Pre-Coated ELISA Kit	Wang F, Wang J, Zhang Z, Chen S. Tetrandrine inhibits the proliferation and cytokine production induced by IL-22 in HaCaT cells. J Int Med Res. 2018 Nov 14;300060518801463. doi: 10.1177/0300060518801463. [Epub ahead of print] PubMed PMID: 30428756.
90-2246	Human IL-35 (Interleukin 35) Pre-Coated ELISA Kit	Su Y, Feng S, Luo L, Liu R, Yi Q. Correction to: Association between IL-35 and coronary arterial lesions in children with Kawasaki disease. Clin Exp Med. 2018 Aug 31. doi: 10.1007/s10238-018-0525-2. [Epub ahead of print] PubMed PMID: 30171456.

➤ ABOUT OUR COMPANY

Abeomics Inc. is founded by scientists for the scientists. Our immunologists, cell biologists and business professionals have contributed for over 25 years to the growth and success of global companies including BD Biosciences, eBioscience and IMGENEX Corporation. We bring our experiences to develop well-validated and specific antibodies by traditional hybridoma technology and by genetic engineering to produce recombinant mouse and rabbit monoclonal antibodies.

Our **areas of focus** are in research & development support, high throughput screening services, assay development, as well as small to large-scale manufacturing.

➤ OUR PRODUCTS



Antibodies



Recombinant Antibodies



Reporter & Stable Cell Lines



Recombinant Proteins



ELISA Kits & Reagents



Biosimilars



Ligands & Inhibitors

Contact:

9853 Pacific Heights Blvd.
Suite D. San Diego, CA 92121 USA
Tel : 858-263-4982 | Fax : 858-247-7052
Email: support@abeomics.com
Web: www.abeomics.com