

36-2592: Anti-CD127 / IL7R (Marker of T-Reg Cells) Monoclonal Antibody(Clone: IL7R/2751)

Clonality :	Monoclonal
Clone Name :	IL7R/2751
Application :	ELISA,WB
Reactivity :	Human
Gene :	IL7R
Gene ID :	3575
Uniprot ID :	P16871
Alternative Name :	CD127; IL-7 receptor subunit alpha; IL-7R-alpha; IL7R; IL7RA; IL7R alpha; ILRA; Interleukin 7 receptor alpha chain; Interleukin 7 receptor
Isotype :	Mouse IgG2c, kappa
Immunogen Information :	Recombinant fragment (around aa 21-236) of human CD127 protein (IL7R) (exact sequence is proprietary)

Description

The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukins 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in V(D)J recombination during lymphocyte development. Defects in this gene may be associated with severe combined immunodeficiency (SCID).

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating, order Ab without BSA);Western Blot (1-2ug/ml);

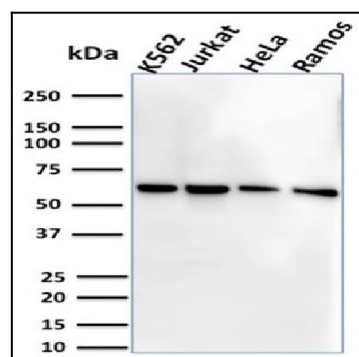


Fig. 1: Western Blot Analysis of Human K562, Jurkat, HeLa and Ramos cell lysate using CD127 Mouse Monoclonal Antibody (IL7R/2751).

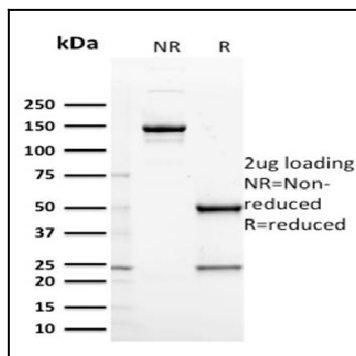


Fig. 2: SDS-PAGE Analysis Purified CD127 Mouse Monoclonal Antibody (IL7R/2751). Confirmation of Integrity and Purity of Antibody.

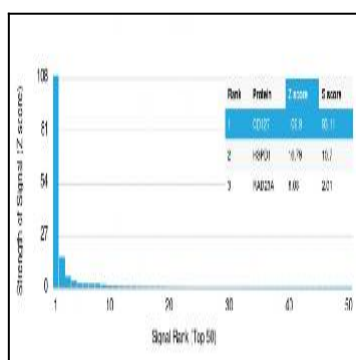


Fig. 3: Analysis of Protein Array containing >19,000 full-length human proteins using CD127 Mouse Monoclonal Antibody (IL7R/2751) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.