9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

10-4013: Monoclonal Antibody to Dectin-2 (Clone: ABM2H28)

Clonality :	Monoclonal
Clone Name :	ABM2H28
Application :	IHC,FACS,WB
Reactivity :	Mouse,Human
Gene :	CLEC6A
Gene ID :	93978
Uniprot ID :	Q6EIG7
Format :	Purified
Alternative Name :	CLEC6A,CLECSF10,DECTIN2
Isotype :	Mouse IgG2a Kappa
Immunogen Information :	A partial length recombinant Dectin-2 protein (amino acids 70-230) was used as the immunogen for this antibody.

Description

Dectin-2 (C-type lectin domain family 6 member A) is a type II membrane receptor with an extracellular C-type lectin-like domain fold. Dectin-2 plays an important role in the host defense against C. albicans infection by inducing TH17 cell differentiation. It binds high-mannose carbohydrates in a Ca(2+)-dependent manner. In Dectin-2 glycosylation occurs at Asn131, Asn170. Dectin-2 has 2 isoforms produced by alternative splicing. Dectin-2 is strongly expressed in monocytes and weakly in B-cells and also expressed in spleen, tonsils, lymph node, lungs, leukocytes, dendritic cells and bone marrow.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml, FACS analysis: 0.5 µg/10^6 cells, Immunohistochemical analysis: 5 µg/ml

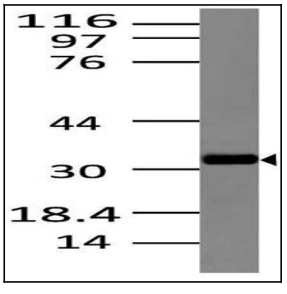


Fig-1: Western blot analysis of Dectin 2 Anti- Dectin 2 antibody (Clone: ABM2H28) was used at 2 µg/ml on Raw lysate.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

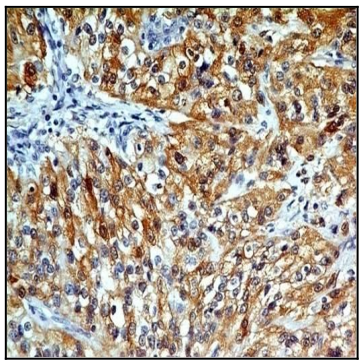


Fig-2 : Immunohistochemical analysis of Dectin-2 in Renal Cell Carcinoma using Dectin-2 antibody (Clone: ABM2H28) at 5 µg/ml.

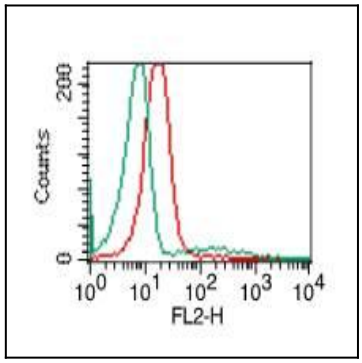


Fig-3: Intracellular flow analysis of Dectin-2 in human PBMC (Lymphocytes) using 0.5 µg/10^6 cells of Dectin-2 antibody (Clone: ABM2H28). Green represents isotype control; red represents anti-Dectin-2 antibody. Goat anti-mouse PE conjugate was used as secondary.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.