

Mouse anti-Human, Mouse Dectin-2 Monoclonal Antibody | anti-CLEC6A antibody

Dectin-2 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14862	Mouse	Human, Mouse	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

Dectin-2; Monoclonal Antibody; Dectin-2 Monoclonal Antibody; CLEC6A; CLECSF10; DECTIN2; anti-CLEC6A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2a, Kappa
Clone Number	ABM2H28
Purity/Purification	Protein G Chromatography
Form/Format	Purified ; 25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	209
Applicable Applications for anti-CLEC6A antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Application Notes	WB: 2-4ug/ml FC: 0.5ug/10 ⁶ cells IHC: 5ug/ml
Immunogen	Dectin-2
Immunogen description	A partial recombinant Dectin-2 protein (amino acids 70-230) was used as the immunogen for this antibody
Preparation and Storage	Store antibody at 4°C. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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



FCM (Flow Cytometry)

Intracellular flow analysis of Dectin-2 in human PBMC (Lymphocytes) using 0.5 µg/10⁶ 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.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-CLEC6A antibody	Dectin-2 (C-type lectin domain family 6 member A) is a type II membrane receptor with an extracellular C-type lectin-like domainfold. 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 Categories/Family for anti-CLEC6A antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	55742774
NCBI GeneID	93978
NCBI Accession #	NP_001007034.1
NCBI GenBank Nucleotide #	NM_001007033.1
UniProt Accession #	Q6EIG7; A2RUK3
NCBI Official Full Name	C-type lectin domain family 6 member A
NCBI Official Synonym Full Names	C-type lectin domain family 6, member A
NCBI Official Symbol	CLEC6A
NCBI Official Synonym Symbols	CLEC4N; CLECSF10
NCBI Protein Information	C-type lectin domain family 6 member A; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 10; C-type lectin superfamily member 10; DC-associated C-type lectin 2; dectin 2; dectin-2; dendritic cell-associated C-type lectin 2
UniProt Protein Name	C-type lectin domain family 6 member A
UniProt Gene Name	CLEC6A
UniProt Synonym Gene Names	CLECSF10; DECTIN2; DC-associated C-type lectin 2; Dectin-2
UniProt Entry Name	CLC6A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dectin-2-antibody-clone-abm2h28-western-blot-flow-cytometry-immunohistochemistry-elisa/14862>