Mouse anti-Human CD369 Monoclonal Antibody | anti-CD369 antibody

Anti-Hu CD369 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129109	**Mouse**	**Human**	**Immunohistochemistry, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

CD369; Monoclonal Antibody; Anti-Hu CD369 Purified; Dectin-1; CLEC7A; BGR; CANDF4; SCARE2; C-type lectin domain containing 7A; anti-CD369 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a kappa
Clone Number	1500
Specificity	The mouse monoclonal antibody 15E2 recognizes an extracellular epitope LWEDGSTFSSN of human CD369 (Dectin-1), a 33kDa transmembrane glycoprotein expressed predominantly on dendritic cells.
Purity/Purification	Purified by protein-A affinity chromatography
Form/Format	Purified. Phosphate buffered saline (PBS) solution with 15mM sodium azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD369 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Extracellular part of human CD369 with hIgG FC tag
Preparation and Storage	Store at 2-8 degree C. Do not freeze. Do not use after expiration date stamped on the label.

ADDITIONAL INFORMATION

Related Product Information for anti-CD369 antibody	CD369 (Dectin-1, beta-glucan receptor) is a 33kDa type II transmembrane glycoprotein of lectin family, and serves as a part of innate immunity system by binding to beta-glucan polymers, which are typical for yeast and mycobacterial cell walls. CD369 is expressed predominantly on dendritic cells, but it can be detected also on monocytes, macrophages, mast cells, eosinophils, B cells, endothelial cells, and sometimes also on some T cell subsets.
References	*Ni L, Gayet I, Zurawski S, Duluc D, Flamar AL, Li XH, O'Bar A, Clayton S, Palucka AK, G Zurawski, Banchereau J, Oh SK: Concomitant activation and antigen uptake via human dectin-1 results in potent antigen-specific CD8+ T cell responses. J Immunol. 2010 Sep 15;185(6):3504-13, URL: https://pubmed.ncbi.nlm.nih.gov/20729328/from_term=ni+l+gayet+i+zurawski+s&from_pos=2,*Fischer M, Müller JP, Spies-Weisshart B, Gräfe C, Kurzai O, Hünniger K, Hochhaus A, Scholl S, Schnetzke U. Isoform localization of dectin-1 regulates the signaling quality of anti-fungal immunity. Eur J Immunol. 2017 May;47(5):848-859, URL: https://pubmed.ncbi.nlm.nih.gov/28303575/from_term=scholl+s+hochhaus+a&from_pos=5,*Joo H, Upchurch K, Zhang W, Ni L, Li D, Xue Y, Li XH, Hori T, Zurawski S, Liu YJ, Zurawski G, Oh S: Opposing roles of dectin-1 expressed on human plasmacytoid dendritic cells and myeloid dendritic cells in Th2 polarization. J Immunol. 2015 Aug 15;195(4):1723-31, URL: https://pubmed.ncbi.nlm.nih.gov/26123355/from_term=zhang+w+xue+y&from_page=6&from_pos=10

NCBI AND UNIPROT INFORMATION

NCBI GI #	13384604
NCBI GeneID	64581
NCBI Accession #	NP_072092.2
NCBI GenBank Nucleotide #	NM_022570.4
UniProt Accession #	Q9BXN2; Q6IPS7; Q96D32; Q96DR9; Q96LD3; Q96PA4; Q96PA5; Q96PA6; B2R861; B7Z494; B7Z5A9; B7Z5B9
Molecular Weight	27,627 Da
NCBI Official Full Name	C-type lectin domain family 7 member A isoform b
NCBI Official Synonym Full Names	C-type lectin domain family 7, member A
NCBI Official Symbol	CLEC7A
NCBI Official Synonym Symbols	BGR; CANDF4; DECTIN1; CLECSF12
NCBI Protein Information	C-type lectin domain family 7 member A; dectin-1; beta-glucan receptor; lectin-like receptor 1; DC-associated C-type lectin 1; C-type lectin superfamily member 12; dendritic cell-associated C-type lectin 1; dendritic cell-associated C-type lectin-1; C-typ
UniProt Protein Name	C-type lectin domain family 7 member A
UniProt Gene Name	**CLEC7A**
UniProt Synonym Gene Names	BGR; CLECSF12; DECTIN1; DC-associated C-type lectin 1; Dectin-1
UniProt Entry Name	CLC7A_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://www.aaabiotech.com/monoclonal/cd369-antibody-clone-1500-immunohistochemistry-flow-cytometry-elisa/129109