Rabbit anti-Human CLEC6A Polyclonal Antibody | anti-CLEC6A antibody

CLEC6A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322766	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

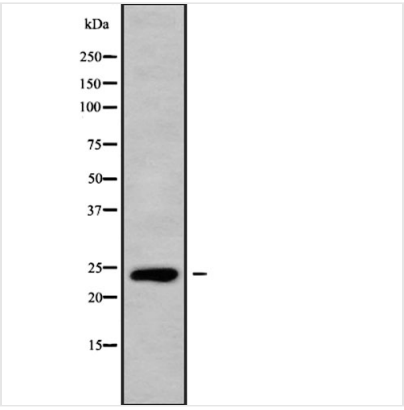
PRODUCT SYNONYMS

CLEC6A; Polyclonal Antibody; CLEC6A Antibody; C type lectin domain family 6 member A; C type lectin superfamily member 10; C-type (calcium dependent; carbohydrate-recognition domain) lectin; superfamily member 10; C-type lectin domain family 6 member A; C-type lectin superfamily member 10; CLC6A_HUMAN; CLEC4N; mouse; homolog of; Clec6a; CLECSF10; DC associated C type lectin 2; DC-associated C-type lectin 2; Dectin-2; Dectin2; Dendritic cell associated lectin 2; Dendritic cell-associated C-type lectin 2; anti-CLEC6A antibody

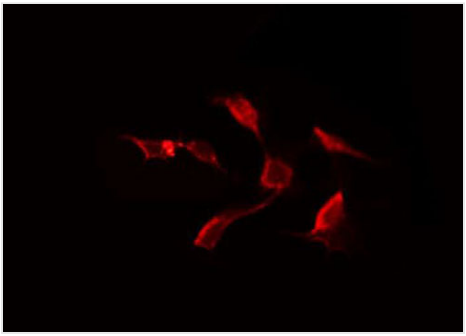
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CLEC6A antibody detects endogenous levels of total CLEC6A
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	209
Applicable Applications for anti-CLEC6A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CLEC6A
Subcellular Location	Membrane.
Tissue Specificity	Expressed in lung, spleen, lymph node, leukocytes, bone marrow, tonsils and dendritic cells. Strongly expressed in purified monocytes and weakly in B-cells. In peripheral blood cells, preferentially expressed in plasmacytoids rather than myeloids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of CLEC6A using HepG2 whole cell lysates



IF (Immunofluorescence)
AAA322766 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CLEC6A antibody	Function: Binds high-mannose carbohydrates in a Ca2+-dependent manner. Functional receptor for alpha-mannans on C.albicans hypheas. Plays an important role in the host defense against C.albicans infection by inducing TH17 cell differentiation. Recognizes also, in a mannose-dependent manner, allergens from house dust mite and fungi, by promoting cysteinyl leukotriene production. Recognizes soluble elements from the eggs of Shistosoma mansoni altering adaptive immune responses. Transduces signals through an Fc receptor gamma chain/FCER1G and Syk-CARD9-NF-kappa-B-dependent pathway (By similarity). Subunit Structure: Associated with FCER1G. Similarity: A short stretch of the intracellular domain (AA 8-14) proximal to the transmembrane domain is required for association with Fc receptor gamma chain.

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
Molecular Weight	Observed: 24 kDa Predicted: 24 kDa
NCBI Official Full Name	C-type lectin domain family 6 member A isoform 1
NCBI Official Synonym Full Names	C-type lectin domain containing 6A
NCBI Official Symbol	CLEC6A
NCBI Official Synonym Symbols	CLEC4N; CLECSF10; dectin-2
NCBI Protein Information	C-type lectin domain family 6 member A
UniProt Protein Name	C-type lectin domain family 6 member A
UniProt Gene Name	**CLEC6A**
UniProt Synonym Gene Names	DC-associated C-type lectin 2; Dectin-2

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.