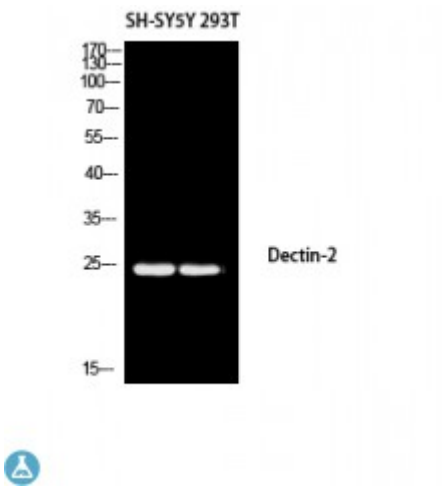
Anti-Dectin-2 antibody



Description	Rabbit polyclonal to Dectin-2.

Model	STJ97638
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Dectin-2.
Immunogen Region	Internal
Gene ID	93978
Gene Symbol	CLEC6A
Dilution range	WB 1:500-1:2000IHC-P 1:100-1:300ELISA 1:10000
Specificity	Dectin-2 Polyclonal Antibody detects endogenous levels of Dectin-2 protein.
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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	C-type lectin domain family 6 member A C-type lectin superfamily member 10 Dendritic cell-associated C-type lectin 2 DC-associated C-type lectin 2 Dectin-2

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:14556OMIM:613579
Alternative Names	C-type lectin domain family 6 member A C-type lectin superfamily member 10 Dendritic cell-associated C-type lectin 2 DC-associated C-type lectin 2 Dectin-2
Function	Binds high-mannose carbohydrates in a Ca(2+)-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 .
Sequence and Domain Family	A short stretch of the intracellular domain (AA 8-14) proximal to the transmembrane domain is required for association with Fc receptor gamma chain.
Cellular Localization	Membrane