


Product datasheet

Anti-DECTIN 2 antibody ab99181

Overview

Product name	Anti-DECTIN 2 antibody
Description	Rabbit polyclonal to DECTIN 2
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow 
Immunogen	Synthetic peptide corresponding to a region within N terminal amino acids 35-84 (FMSCVVTYHFTYGETGKRL SELHSYHSSL TCFSEGTKVP AWGCCPASWK) of Human DECTIN 2 (NP_001007034). Run BLAST with ExPASy Run BLAST with NCBI

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab99181** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution. Predicted molecular weight: 24 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	Binds high-mannose carbohydrates in a Ca(2+)-dependent manner. Functional receptor for alpha-mannans on <i>C.albicans</i> hyphae. Plays an important role in the host defense against <i>C.albicans</i> 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 <i>Shistosoma mansoni</i> altering adaptive immune responses. Transduces signals through an Fc receptor gamma chain /FCER1G and Syk-CARD9-NF-kappa-B-dependent pathway.
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.
Sequence similarities	Contains 1 C-type lectin domain.
Domain	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.

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