

Rabbit anti-Human Dectin-1 Polyclonal Antibody | anti-CLEC7A antibody

Dectin-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328897	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

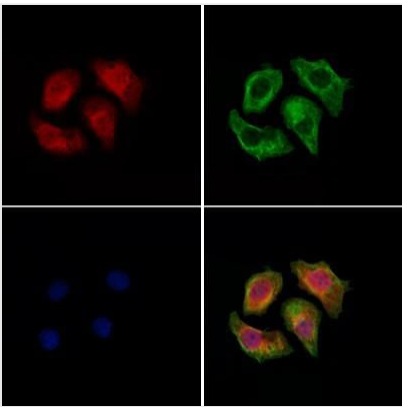
PRODUCT SYNONYMS

Dectin-1; Polyclonal Antibody; Dectin-1 Antibody; Beta GR; Beta-glucan receptor; BGR; C type calcium dependent carbohydrate recognition domain lectin superfamily member 12; C type lectin domain family 7 member a; C-type lectin domain family 7 member A; C-type lectin superfamily member 12; CANDF4; CLC7A_HUMAN; CLEC7A; CLEC7A protein; Clecsf12; DC-associated C-type lectin 1; Dectin 1; DECTIN 1 receptor; Dectin1; Dendritic cell associated C type lectin 1; Dendritic cell-associated C-type lectin 1; Lectin like receptor 1; Putative transmembrane protein dectin 1; anti-CLEC7A antibody

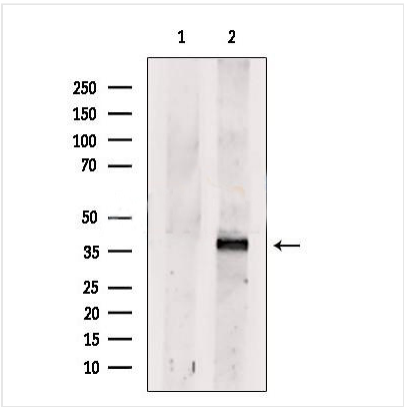
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Dectin-1 Antibody detects endogenous levels of total Dectin-1.
Purity/Purification	Peptide affinity purification
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	201
Applicable Applications for anti-CLEC7A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Dectin-1, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA328897 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328897 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using Dectin-1. The lane on the left was treated with blocking peptide. Observed bands: 37 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CLEC7A antibody	Function: Lectin that functions as pattern receptor specific for beta-1,3-linked and beta-1,6-linked glucans, such as cell wall constituents from pathogenic bacteria and fungi. Induces phosphorylation of SCIMP after binding beta-glucans (By similarity). Necessary for the TLR2-mediated inflammatory response and for TLR2-mediated activation of NF-kappa-B. Enhances cytokine production in macrophages and dendritic cells. Mediates production of reactive oxygen species in the cell. Mediates phagocytosis of C.albicans conidia. Binds T-cells in a way that does not involve their surface glycans and plays a role in T-cell activation. Stimulates T-cell proliferation (By similarity)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13384604
NCBI GeneID	64581
NCBI Accession #	NP_072092.2
NCBI GenBank Nucleotide #	NP_072092.2
UniProt Accession #	Q9BXN2
Molecular Weight	37kDa
NCBI Official Full Name	C-type lectin domain family 7 member A isoform b
NCBI Official Synonym Full Names	C-type lectin domain containing 7A
NCBI Official Symbol	CLEC7A
NCBI Official Synonym Symbols	BGR; CD369; CANDF4; SCARE2; DECTIN1; CLECSF12
NCBI Protein Information	C-type lectin domain family 7 member A
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/polyclonal/dectin-1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/328897>