

Mouse anti-Human CD1c Monoclonal Antibody | anti-CD1c antibody

Anti-Hu CD1c Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128649	Mouse	Human	Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD1c; Monoclonal Antibody; Anti-Hu CD1c Purified; CD1c molecule; R7; BDCA1; anti-CD1c antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	L161
Specificity	The mouse monoclonal antibody L161 recognizes an extracellular epitope of CD1c, (R7), a 43 kDa type I glycoprotein associated with beta2-microglobulin. It is expressed on cortical thymocytes (strongly), Langerhans cells, dendritic cells, B and some T cells.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	333
Applicable Applications for anti-CD1c antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	human thymocytes
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD1c antibody	CD1c (also known as R7 or BDCA1) together with CD1a and b, belongs to group 1 of CD1 antigens. These non-classical MHC-like glycoproteins serve as antigen-presenting molecules for a subset of T cells that responds to specific lipids and glycolipids found in the cell walls of bacterial pathogens or self-glycolipid antigens such as gangliosides, and they have also roles in antiviral immunity. The trafficking routes of the particular CD1 types differ and correspond to their ability to bind and present different groups of antigens. CD1c is unique in its ability to present e.g. mycobacterial phosphoketides and polyisoprenoids. CD1c is the only CD1 isoform that has been shown to interact both with alpha/beta and gamma/delta T cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110618227
NCBI GeneID	911
NCBI Accession #	NP_001756.2
NCBI GenBank Nucleotide #	NP_001756.2

UniProt Accession #	P29017
NCBI Official Full Name	T-cell surface glycoprotein CD1c
NCBI Official Synonym Full Names	CD1c molecule
NCBI Official Symbol	CD1C
NCBI Official Synonym Symbols	R7; CD1; CD1A; BDCA1
NCBI Protein Information	T-cell surface glycoprotein CD1c
UniProt Protein Name	T-cell surface glycoprotein CD1c
UniProt Gene Name	CD1C
UniProt Entry Name	CD1C_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://stage.aaabiotech.com/monoclonal/cd1c-antibody-clone-l161-immunohistochemistry-immunoprecipitation-flow-cytometry-elisa/128649>