

Mouse anti-Human CD1D Monoclonal Antibody | anti-CD1D antibody

Mouse Monoclonal [clone 51.1] (IgG2b) to Human CD1D

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51858	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunohistochemistry

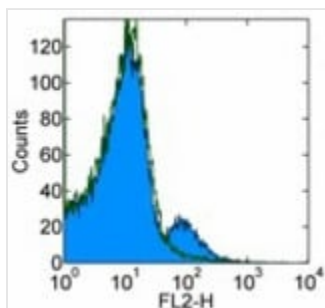
PRODUCT SYNONYMS

CD1D; Monoclonal Antibody; Mouse Monoclonal [clone 51.1] (IgG2b) to Human CD1D; Anti-CD1D Antibody (clone 51.1) IHC-plus; CD1D antigen; d polypeptide; R3; R3G1; CD1d antigen; CD1d molecule; Thymocyte antigen CD1D; Human CD1D; anti-CD1D antibody

PRODUCT SPECIFICATIONS

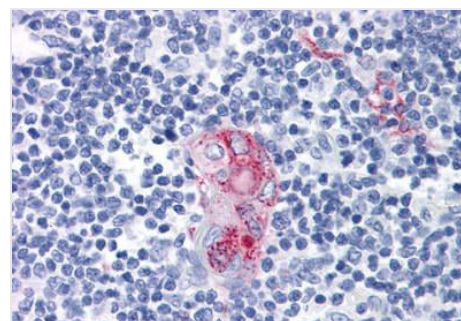
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	51.1
Purity/Purification	Affinity Purified
Form/Format	PBS, pH 7.2, <=0.09% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	335
Applicable Applications for anti-CD1D antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Human CD1d
Preparation and Storage	Store at 4 degree C, avoid repeated freeze thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Staining of normal human peripheral blood cells with 0.5 ug of Purified Mouse IgG2b isotype control (open histogram) or Purified anti-human CD1d (51.1) (colored histogram) followed by Biotin Anti-Mouse IgG and Streptavidin-PE. Cells in the lymphocyte gate were used for analysis.



IHC (Immunohistochemistry)

Anti-CD1D antibody IHC of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 20 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502649
NCBI GeneID	912
NCBI Accession #	NP_001757.1
NCBI GenBank Nucleotide #	NM_001766.3
UniProt Accession #	P15813; Q5W0J3; Q9UMM3; Q9Y5M4; D3DVD5
Molecular Weight	37,717 Da
NCBI Official Full Name	antigen-presenting glycoprotein CD1d
NCBI Official Synonym Full Names	CD1d molecule
NCBI Official Symbol	CD1D
NCBI Official Synonym Symbols	R3; CD1A
NCBI Protein Information	antigen-presenting glycoprotein CD1d; R3G1; thymocyte antigen CD1D; CD1D antigen, d polypeptide; T-cell surface glycoprotein CD1d; differentiation antigen CD1-alpha-3; HMC class I antigen-like glycoprotein CD1D
UniProt Protein Name	Antigen-presenting glycoprotein CD1d
UniProt Gene Name	CD1D
UniProt Entry Name	CD1D_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/cd1d-antibody-clone-51-1-flow-cytometry-immunohistochemistry-immunohistochemistry-elisa/51858>