

Rat anti-Mouse CD1d Monoclonal Antibody | anti-CD1d antibody

AF/LE Purified Anti-Mouse CD1d Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174737	Rat	Mouse	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD1d; Monoclonal Antibody; AF/LE Purified Anti-Mouse CD1d Monoclonal Antibody; Antigen-presenting glycoprotein CD1d1; Cd1d1; CD1d.1; Cd1.1; anti-CD1d antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat IgG2b, kappa
Clone Number	19G11
Form/Format	Liquid; 0.2 um filtered in PBS, pH7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or preservatives. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.
Concentration	0.5 mg/mL (varies by lot)
Sequence Length	336
Applicable Applications for anti-CD1d antibody	FCM/FACS (Flow Cytometry)
Conjugation	None (Purified antibody/Azide Free/Low endotoxin)
Endotoxin	Endotoxin level is < 2 EU/mg (< 0.002EU/ug) as Determined by LAL gel clotting assay.
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Isotype Control	AF/LE Purified Rat IgG2b, kappa Isotype Control[LTF-2]
Preparation and Storage	Keep as concentrated solution Store at 2°C to 8°C and protected from prolonged exposure to light. Do not freeze. Shipping: ships with blue ice

ADDITIONAL INFORMATION

Related Product Information for anti-CD1d antibody	CD1d is a type I transmembrane protein and member of the MHC family, with a molecular weight ranging from 43-49 kD, depending on the glycosylation degree. CD1d is expressed by antigen presenting cells such as dendritic cells, monocytes, macrophages and B cells; also expressed by thymocytes and intestinal epithelial cells. CD1d present glycolipids to iNKT cells that recognize them by their Valpha14i TCR.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161484595
NCBI GeneID	12479
NCBI Accession #	NP_031665.2

NCBI GenBank Nucleotide #	NP_031665.2
UniProt Accession #	P11609
NCBI Official Full Name	antigen-presenting glycoprotein CD1d1
NCBI Official Synonym Full Names	CD1d1 antigen
NCBI Official Symbol	Cd1d1
NCBI Official Synonym Symbols	Cd1a; Cd1d; CD1.1; Ly-38; AI747460
NCBI Protein Information	antigen-presenting glycoprotein CD1d1
UniProt Protein Name	Antigen-presenting glycoprotein CD1d1
UniProt Gene Name	Cd1d1
UniProt Synonym Gene Names	Cd1.1
UniProt Entry Name	CD1D1_MOUSE

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-19g11-flow-cytometry-elisa/174737>