Mouse anti-Human CD300e Monoclonal Antibody | anti-CD300e antibody

Anti-Hu CD300e Purified Low Endotoxin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129026	**Mouse**	**Human**	**Functional Assay, Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

CD300e; Monoclonal Antibody; Anti-Hu CD300e Purified Low Endotoxin; CD300e molecule; CLM2; CMRF35-A5; LMIR6; IREM-2; PlgR2; anti-CD300e antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	UP-H2
Specificity	The mouse monoclonal antibody UP-H2 recognizes an extracellular epitope on CD300e / IREM-2, a 32 kDa glycoprotein expressed by mature monocytes and peripheral blood myeloid dendritic cells.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Low endotoxin azide free phosphate buffered saline (PBS) solution, 0.2 um filter sterilized. Endotoxin level is less than 0.01 EU/ug of the protein, as determined by the LAL test.
Concentration	1 mg/ml (varies by lot)
Sequence Length	205
Applicable Applications for anti-CD300e antibody	FA (Functional Assay), WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	CD300e-HA-transfected cells
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD300e antibody	CD300e / IREM-2 (immune receptor expressed by myeloid cells 2), also known as CLM2 or LMIR6, is a monomeric transmembrane glycoprotein with a single extracellular immunoglobulin-like domain. Intracellularly it associates with DAP-12, an ITAM-containing adaptor molecule. CD300e is expressed on mature monocytes and peripheral blood myeloid dendritic cells. Its crosslinking leads to release of pro-inflammatory cytokines, and increased expression of activation markers.

NCBI AND UNIPROT INFORMATION

NCBI GI #	304571943
NCBI GeneID	342510
NCBI Accession #	NP_852114.2
NCBI GenBank Nucleotide #	NP_852114.2
UniProt Accession #	Q496F6

NCBI Official Full Name	CMRF35-like molecule 2
NCBI Official Synonym Full Names	CD300e molecule
NCBI Official Symbol	CD300E
NCBI Official Synonym Symbols	CLM2; CLM-2; IREM2; PIgR2; IREM-2; PIgR-2; CD300LE; CMRF35-A5
NCBI Protein Information	CMRF35-like molecule 2
UniProt Protein Name	CMRF35-like molecule 2
UniProt Gene Name	**CD300E**
UniProt Synonym Gene Names	CD300LE; CLM2; CMRF35A5; IREM2; CLM-2; IREM-2; PIgR-2; PIgR2; Poly-Ig receptor 2
UniProt Entry Name	CLM2_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/cd300e-antibody-clone-up-h2-functional-assay-western-blot-immunoprecipitation-flow-cytometry-elisa/129026