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ARG42296
anti-CD300e antibody [UP-H2] (low endotoxin)

Package: 100 µg
Store at: -20°C

Summary

Product Description	Azide free and low endotoxin Mouse Monoclonal antibody [UP-H2] recognizes CD300e
Tested Reactivity	Hu
Tested Application	FACS, FuncSt, IP, WB
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.
Host	Mouse
Clonality	Monoclonal
Clone	UP-H2
Isotype	IgG1
Target Name	CD300e
Species	Human
Immunogen	CD300e-HA-transfected cells.
Conjugation	Un-conjugated
Alternate Names	Poly-Ig receptor 2; Immune receptor expressed on myeloid cells 2; IREM-2; CD300LE; CMRF35-A5; CD antigen CD300e; CLM2; IREM2; CMRF35-like molecule 2; PIgR2; CLM-2; Polymeric immunoglobulin receptor 2; PIgR-2; CD300 antigen-like family member E

Application Instructions

Application table

Application	Dilution
FACS	1 - 4 µg/ml
FuncSt	Assay-dependent
IP	Assay-dependent
WB	Assay-dependent

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purification with Protein A.
Purification Note	0.2 µm filter sterilized. Endotoxin level is less than 0.01 EU/µg of the protein.
Buffer	PBS
Concentration	1 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CD300E
Gene Full Name	CD300e molecule
Background	This gene encodes a member of the CD300 glycoprotein family of cell surface proteins expressed on myeloid cells. The protein interacts with the TYRO protein tyrosine kinase-binding protein and is thought to act as an activating receptor. [provided by RefSeq, Nov 2012]
Function	Probably acts as an activating receptor. [UniProt]
Calculated Mw	23 kDa
PTM	N-glycosylated. [UniProt]
Cellular Localization	Cell membrane; Single-pass type I membrane protein. [UniProt]