

Datasheet for ABIN7595392
anti-CD300E antibody (Biotin)



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Overview

Quantity:	100 µg
Target:	CD300E
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD300E antibody is conjugated to Biotin
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	CD300e-HA-transfected cells
Clone:	UP-H2
Isotype:	IgG1 kappa
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.
Purification:	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.

Target Details

Target:	CD300E
Alternative Name:	CD300e (CD300E Products)

Target Details

Background: 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.

Gene ID: 342510

UniProt: [Q496F6](#)

Application Details

Application Notes: Flow cytometry: Recommended dilution: 1-5 µg/mL.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store at 2-8°C. Do not freeze.