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Datasheet for ABIN207134 **anti-CD300a antibody**

Overview

Quantity:	0.1 mg
Target:	CD300a (CD300A)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD300a antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Blocking Antibody (Inhibition)

Product Details

Immunogen:	HPB human acute lymphoid leukemia cell line. Type of Immunogen: Cells
Clone:	MEM-260
Isotype:	IgG1
Specificity:	Reacts with CD300a, a 60 kD leukocyte transmembrane glycoprotein (immunoglobulin superfamily), expressed on human granulocytes, monocytes, neutrophils, NK cells, 25 % of circulating T cells and 15 % of circulating B cells. Expression is also on T and B subsets, B cells, dendritic cells and mast cells.
Purification:	Protein A purified

Target Details

Target:	CD300a (CD300A)
Alternative Name:	CD300A (CD300A Products)
Background:	Name/Gene ID: CD300A Synonyms: CD300A, CD300a antigen, CD300a molecule, CMRF35-like molecule 8, CMRF35-H, CMRF35-H9, CLM-8, CMRF35H9, IGSF12, Inhibitory receptor protein 60, IRC2, IRC1, NK inhibitory receptor, CMRF-35-H9, CMRF-35H, CMRF35H, IRC1a, IRp60, Leukocyte membrane antigen
Gene ID:	11314
UniProt:	Q9UGN4
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Approved: Flo, Inhb, WB Usage: Flow Cytometry: Recommended dilution - 2 µg/mL. Western Blotting: Positive material: HPB cell line. Negative material: JURKAT human cell line, RAJI human cell line. Sample preparation: Resuspend approx. 50 mil. cells in 1 mL cold Lysis buffer (1 % laurylma
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 15 mM sodium azide, approx, pH 7.4.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	avoid freeze thaw cycles.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.