

Rabbit anti-Human CD300LB Polyclonal Antibody | anti-CD300LB antibody

CD300LB Antibody

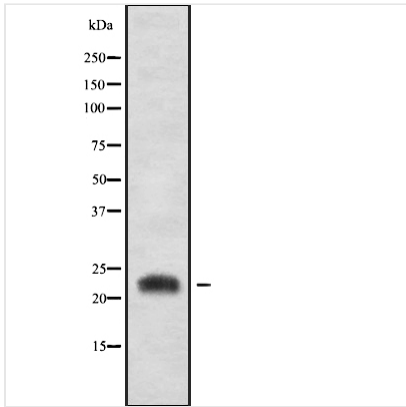
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322753	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

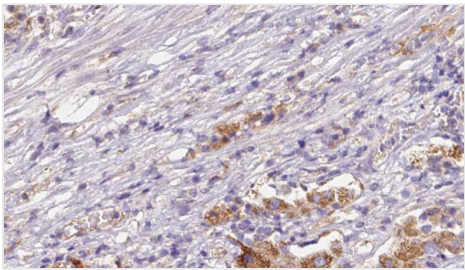
CD300LB; Polyclonal Antibody; CD300LB Antibody; CD_antigen=CD300b; CD300 antigen-like family member B; CD300 molecule-like family member b; CD300B; CLM 7; CLM7; CLM7_HUMAN; CMRF35 A2; CMRF35-like molecule 7; CMRF35A2; Immune receptor expressed on myeloid cells 3; IREM 3; IREM3; Leukocyte mono-Ig-like receptor 5; LMIR5; TREM 5; TREM5; Triggering receptor expressed on myeloid cells 5; UNQ2530/PRO6029; anti-CD300LB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CD300LB antibody detects endogenous levels of total CD300LB
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	201
Applicable Applications for anti-CD300LB antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CD300LB
Subcellular Location	Cell Membrane
Tissue Specificity	Expressed exclusively in myeloid lineages.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of CD300LB using HT-29 whole cell lysates



IHC (Immunohistochemistry)
AAA322753 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CD300LB antibody	Function: Acts as an activating immune receptor through its interaction with ITAM-bearing adapter TYROBP, and also independently by recruitment of GRB2. Subunit Structure: Interacts with TYROBP, which enhances cell surface expression and activation properties. Interacts with GRB2 in the presence of FYN. Post-translational Modifications: Phosphorylation on Tyr-188 by FYN is required for interaction with GRB2. Similarity: Belongs to the CD300 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	510936990
NCBI GeneID	124599
NCBI Accession #	NP_777552.3
NCBI GenBank Nucleotide #	NM_174892.3
UniProt Accession #	A8K4G0; Q1EG73; Q8IX40; Q8N6D1
Molecular Weight	Observed: 23 kDa Predicted: 23 kDa
NCBI Official Full Name	CMRF35-like molecule 7
NCBI Official Synonym Full Names	CD300 molecule like family member b
NCBI Official Symbol	CD300LB
NCBI Official Synonym Symbols	CLM7; CLM-7; IREM3; TREM5; CD300b; IREM-3; TREM-5; CMRF35-A2
NCBI Protein Information	CMRF35-like molecule 7
UniProt Protein Name	CMRF35-like molecule 7
UniProt Gene Name	CD300LB
UniProt Synonym Gene Names	CD300B; CLM7; CMRF35A2; IREM3; LMIR5; TREM5; CLM-7; IREM-3; TREM-5

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.