



CD300g Polyclonal Antibody

E20-75272

Catalog Number:E20-75272

Host Species:Polyclonal, Rabbit

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Immunogen Description:The antiserum was produced against synthesized peptide derived from the Internal region of human CD300LG. AA range:41-90

Calculated MW:36060Da

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Gene Name:CD300LG

Dilution:Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.

Protein Name:CMRF35-like molecule 9

Human Gene Id:146894

Human Swiss Prot No:Q6UXG3

Mouse Gene Id:52685

Mouse Swiss Prot No:Q1ERP8

Specificity:CD300g Polyclonal Antibody detects endogenous levels of CD300g protein.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Name:CD300LG; CLM9; TREM4; CMRF35-like molecule 9; CLM-9; CD300 antigen-like family member G;

Triggering receptor expressed on myeloid cells 4; TREM-4; CD300g

Observed Band(KD):36

Background:CD300 molecule like family member g(CD300LG) Homo sapiens Members of the CD300 (see MIM 606786)-like (CD300L) family, such as CD300LG, are widely expressed on hematopoietic cells. All CD300L proteins are type I cell surface glycoproteins that contain a single immunoglobulin (Ig) V-like domain (Takatsu et al., 2006 [PubMed 16876123]). [supplied by OMIM, Mar 2008],

Function:domain:Ig-like V-type domain mediates binding to lymphocyte.,function:Receptor which may mediate L-selectin-

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dependent lymphocyte rollings. Binds SELL in a calcium dependent manner. Binds lymphocyte.,PTM:O-glycosylated with sialylated oligosaccharides.,similarity:Belongs to the CD300 family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,tissue specificity:Highly expressed in heart, skeletal muscle and placenta.,

Subcellular Location:Apical cell membrane ; Single-pass type I membrane protein . Basolateral cell membrane ; Single-pass type I membrane protein . Endosome, multivesicular body membrane ; Single-pass type I membrane protein .

Transcytoses across the cytoplasm. .

Expression:Highly expressed in heart, skeletal muscle and placenta.

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