



CD300g Polyclonal Antibody

Catalog No	YP-Ab-13722
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	CD300LG
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CD300LG. AA range:41-90
Specificity	CD300g Polyclonal Antibody detects endogenous levels of CD300g protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD300g;CD300LG;CMRF35-like molecule 9;CLM9;TREM4;CLM-9;CD300 antigen-like family member G;Triggering receptor expressed on myeloid cells 4; TREM-4
Observed Band	36kD
Calculated Molecular Weight	36kD
Cell Pathway	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. .
Tissue Specificity	Highly expressed in heart, skeletal muscle and placenta.
Function	domain:Ig-like V-type domain mediates binding to lymphocyte.,function:Receptor which may mediate L-selectin-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.,



Background

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],

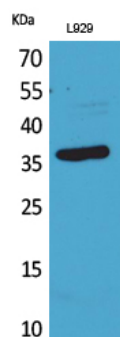
matters needing attention

Avoid repeated freezing and thawing!

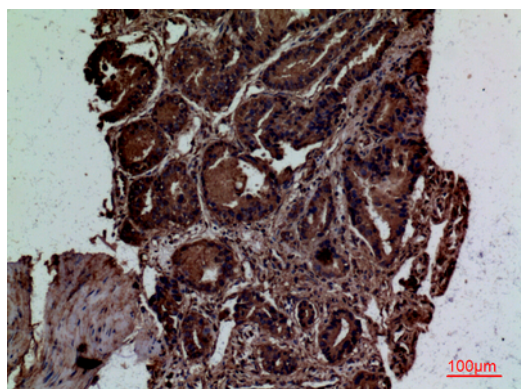
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

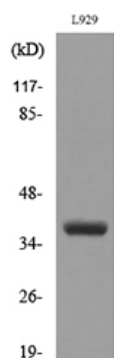
Products Images



Western Blot analysis of L929 cells using CD300g Polyclonal Antibody. Secondary antibody (catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-prostate-cancer, antibody was diluted at 1:100



Western blot analysis of lysate from L929 cells, using CD300LG Antibody.