

**CD300b Polyclonal Antibody**

<b>Catalog No :</b>	YT5949
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	CD300b
<b>Gene Name :</b>	CD300LB CD300B CLM7 CMRF35A2 IREM3 LMIR5 TREM5 UNQ2530/PRO6029
<b>Protein Name :</b>	CMRF35-like molecule 7 (CLM-7) (CD300 antigen-like family member B) (CMRF35-A2) (Immune receptor expressed on myeloid cells 3) (IREM-3) (Leukocyte mono-Ig-like receptor 5) (Triggering receptor express
<b>Human Gene Id :</b>	124599
<b>Human Swiss Prot No :</b>	A8K4G0
<b>Mouse Gene Id :</b>	217304
<b>Mouse Swiss Prot No :</b>	Q3U497
<b>Immunogen :</b>	Synthetic peptide from human protein at AA range: 61-110
<b>Specificity :</b>	The antibody detects endogenous CD300b
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:50-200, ELISA 1:10000-20000. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

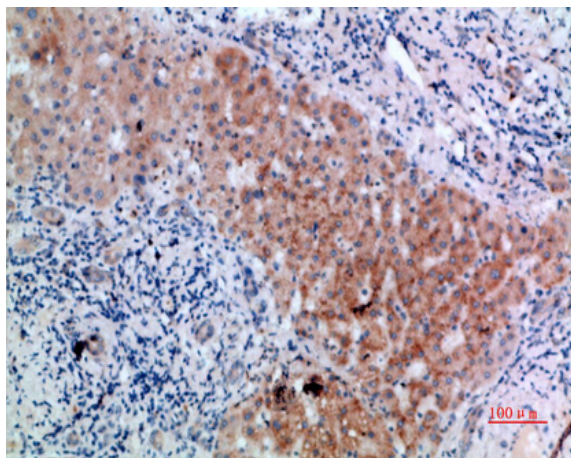
**Background :** CD300LB is a nonclassical activating receptor of the immunoglobulin (Ig) superfamily expressed on myeloid cells (Martinez-Barriocanal and Sayos, 2006 [PubMed 16920917]).[supplied by OMIM, Mar 2008],

**Function :** function:Acts as an activating immune receptor through its interaction with ITAM-bearing adapter TYROBP, and also independently by recruitment of GRB2.,PTM:Phosphorylation on Tyr-188 by FYN is required for interaction with GRB2.,similarity:Belongs to the CD300 family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with TYROBP, which enhances cell surface expression and activation properties. Interacts with GRB2 in the presence of FYN.,tissue specificity:Expressed exclusively in myeloid lineages.,

**Subcellular Location :** Cell membrane ; Single-pass type I membrane protein .

**Expression :** Expressed exclusively in myeloid lineages.

## Products Images



Immunohistochemical analysis of paraffin-embedded human-liver-cancer, antibody was diluted at 1:200