

CD300f Polyclonal Antibody

Catalog No :	YT5475
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	CD300f
Gene Name :	CD300LF
Protein Name :	CMRF35-like molecule 1
Human Gene Id :	146722
Human Swiss Prot No :	Q8TDQ1
Mouse Gene Id :	246746
Mouse Swiss Prot No :	Q6SJK7
Rat Gene Id :	287818
Rat Swiss Prot No :	Q566E6
Immunogen :	The antiserum was produced against synthesized peptide derived from the Internal region of human CD300LF. AA range:41-90
Specificity :	CD300f Polyclonal Antibody detects endogenous levels of CD300f protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

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

Observed Band : 32kD

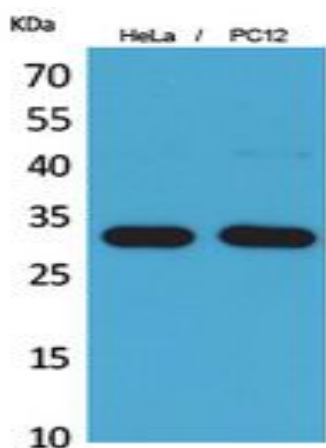
Background : This gene encodes a member of the CD300 protein family. Members of this family are cell surface glycoproteins with a single IgV-like extracellular domain, and are involved in the regulation of immune response. The encoded protein is an inhibitory receptor. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014],

Function : function:Acts as an inhibitory receptor for myeloid cells and mast cells. Inhibits osteoclast formation.,PTM:Phosphorylated on tyrosine.,similarity:Belongs to the CD300 family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with PTPN6/SHP-1 in a tyrosine phosphorylation dependent manner.,tissue specificity:Highly expressed in spleen, peripheral blood leukocyte and monocyte, and lung. Weakly expressed in thymus, heart, brain, placenta, liver, skeletal muscle, kidney, pancreas, prostate, testis, ovary, small intestine or colon. Expressed selectively in monocytes and monocyte-related cells.,

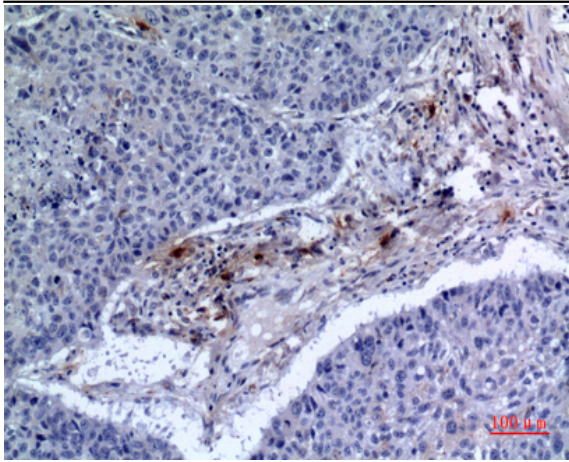
Subcellular Location : Cell membrane ; Single-pass type I membrane protein .

Expression : Highly expressed in spleen, peripheral blood leukocyte and monocyte, and lung. Weakly expressed in thymus, heart, brain, placenta, liver, skeletal muscle, kidney, pancreas, prostate, testis, ovary, small intestine or colon. Expressed selectively in monocytes and monocyte-related cells.

Products Images



Western Blot analysis of HeLa, PC12 cells using CD300f Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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