



CD300f Polyclonal Antibody

Catalog No	YP-Ab-13736
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	CD300LF
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD300f;CD300LF;CMRF35-like molecule 1;CLM1;IGSF13;IREM1;NKIR;CLM-1; CD300 antigen-like family member F;Immune receptor expressed on myeloid cells 1;IREM-1;Immunoglobulin superfamily member 13;NK inhibitory receptor
Observed Band	32kD
Calculated Molecular Weight	32kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
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.
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.,

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],

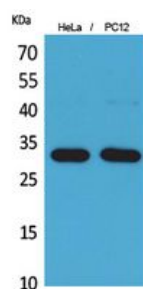
matters needing attention

Avoid repeated freezing and thawing!

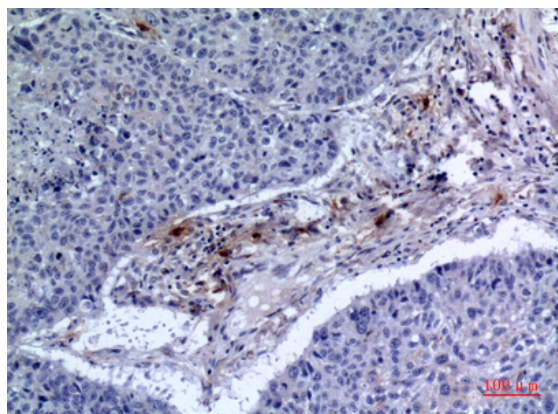
Usage suggestions

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

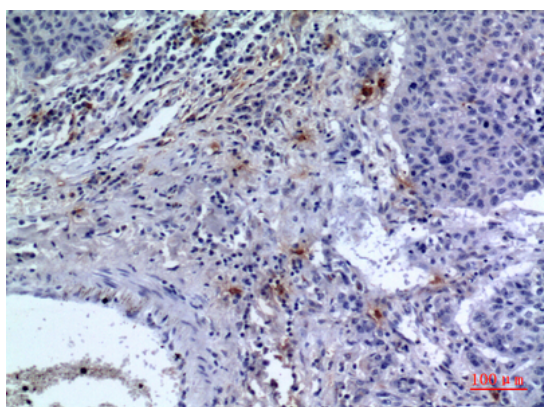
Products Images



Western Blot analysis of 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



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