

CD275 rabbit pAb

Cat No.:ES8796

For research use only

Overview

Product Name	CD275 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	IHC-p 1:50-200, ELISA 1:10000-20000
Immunogen	Synthetic peptide from human protein at AA range: 201-250
Specificity	The antibody detects endogenous CD275
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	ICOS ligand (B7 homolog 2) (B7-H2) (B7-like protein GI50) (B7-related protein 1) (B7RP-1) (CD antigen CD275)
Gene Name	ICOSLG B7H2 B7RP1 ICOSL KIAA0653
Cellular localization	Cell membrane ; Single-pass type I membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	23308
Human Swiss-Prot Number	O75144
Alternative Names	ICOS ligand (B7 homolog 2;B7-H2;B7-like protein GI50;B7-related protein 1;B7RP-1;CD antigen CD275)
Background	alternative products:Additional isoforms seem to exist,function:Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation



into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function.,induction:Constitutive expression is further enhanced by treatment with TNF-alpha in peripheral blood B-cells and monocytes, while it is decreased in dendritic cells.,sequence caution:The sequence differs from that shown in position 300 onward for unknown reason.,sequence caution:Translation N-terminally shortened.,similarity:Belongs to the immunoglobulin superfamily. BTN/MOG family.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,tissue specificity:Isoform 1 is widely expressed (brain, heart, kidney, liver, lung, pancreas, placenta, skeletal muscle, bone marrow, colon, ovary, prostate, testis, lymph nodes, leukocytes, spleen, thymus and tonsil), while isoform 2 is detected only in lymph nodes, leukocytes and spleen. Expressed on activated monocytes and dendritic cells.,

Immunohistochemical analysis of paraffin-embedded Human-tonsil, antibody was diluted at 1:100

