

## CD275 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A11976	Rabbit	1 mg/ml	

<b>Applications</b>	IHC,ELISA
<b>Reactivity</b>	Human
<b>Dilution</b>	IHC 1:50-200, ELISA 1:10000-20000
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	The antibody detects endogenous CD275
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 201-250
<b>Uniprot No</b>	O75144
<b>Alternative names</b>	ICOS ligand (B7 homolog 2) (B7-H2) (B7-like protein G150) (B7-related protein 1) (B7RP-1) (CD antigen CD275)
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	<p>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.,</p>

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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**Regulatory Disclaimer**

*For life science research only. Not for use in diagnostic procedures.*

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