

Anti-CD275 Rabbit Monoclonal Antibody

Catalog # ABO16632

Product Information

Application	WB
Primary Accession	O75144
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-CD275 Rabbit Monoclonal Antibody . Tested in WB applications. This antibody reacts with Human.

Additional Information

Gene ID	23308
Other Names	ICOS ligand, B7 homolog 2, B7-H2, B7-like protein GI50, B7-related protein 1, B7RP-1, CD275, ICOSLG, B7H2, B7RP1, ICOSL, KIAA0653
Calculated MW	33349
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 31I03
Immunogen	A synthesized peptide derived from human CD275
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	ICOSLG
Function	Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion (PubMed: 11007762 , PubMed: 11023515 , PubMed: 30498080). Also induces 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 (By similarity). In endothelial cells, required for proper neutrophil transmigration in response to chemoattractants, such as CXCL8/IL8 or N-formyl-methionyl peptides (fMLP) (PubMed:[30498080](#)).

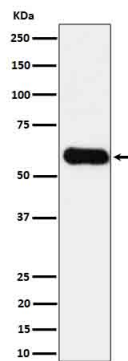
Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Expressed on peripheral blood B-cells and monocytes, as well as on monocyte-derived dendritic cells (at protein level). [Isoform 2]: Detected only in lymph nodes, leukocytes and spleen. Expressed on activated monocytes and dendritic cells.

Images



Western blot analysis of CD275 in HUVEC cell lysate.

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