

CD275 Antibody
Rabbit mAb
Catalog # AP93107

Specification

CD275 Antibody - Product Information

Application	WB
Primary Accession	O75144
Clonality	Monoclonal
Other Names	
B7H2; B7RP1; CD275; GL50; ICOSL; Icoslg; LICOS;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	33349 Da

CD275 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CD275
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

CD275 Antibody - 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](http://www.uniprot.org/citations/11007762), PubMed: [11023515](http://www.uniprot.org/citations/11023515), PubMed: [30498080](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/30498080)).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

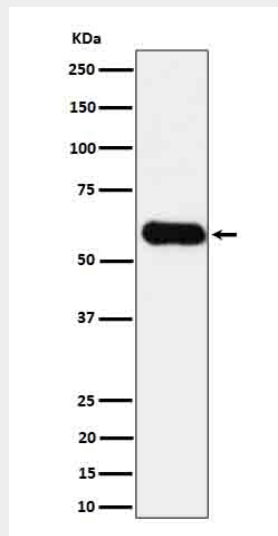
Expressed on peripheral blood B-cells and monocytes, as well as on monocyte-derived dendritic cells (at protein level). [Isoform 2]: Detected only in lymph nodes, leukocytes and spleen. Expressed on activated monocytes and dendritic cells.

CD275 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD275 Antibody - Images



Western blot analysis of CD275 in HUVEC cell lysate.