

ICOSLG Antibody
Catalog # ASC12120**Specification****ICOSLG Antibody - Product Information**

Application	WB, IHC, IF, E
Primary Accession	O75144
Other Accession	O75144
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	Predicted: 33 kDa
	Observed: 60 kDa KDa

ICOSLG Antibody - Additional Information

Gene ID	23308
Alias Symbol	ICOSLG

Other Names

ICOSLG Antibody: GL50, Inducible T Cell Costimulator Ligand, B7-Related Protein, B7 Homolog, Inducible T-Cell Costimulator Ligand, B7-Like Protein GI50, B7 Homologue, B7RP-1, ICOSL, B7-H2, B7RP1, B7H2, Transmembrane Protein B7-H2 ICOS Ligand, Inducible T-Cell Co-Stimulator Ligand, CD275 Antigen, ICOS Ligand, KIAA0653, ICOS-L, CD275, LICOS

Reconstitution & Storage

ICOSLG antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions

ICOSLG Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ICOSLG 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.

ICOSLG 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](#)

ICOSLG Antibody - Images