

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

|                   |                             |
|-------------------|-----------------------------|
| Application       | <b>WB, IHC, IF, E</b>       |
| Primary Accession | <a href="#">O75144</a>      |
| Other Accession   | <a href="#">O75144</a>      |
| Host              | <b>Rabbit</b>               |
| Clonality         | <b>Polyclonal</b>           |
| Isotype           | <b>IgG</b>                  |
| Calculated MW     | <b>Predicted: 33 kDa</b>    |
|                   | <b>Observed: 60 kDa KDa</b> |

**ICOSLG Antibody - Additional Information**

|              |               |
|--------------|---------------|
| Gene ID      | <b>23308</b>  |
| Alias Symbol | <b>ICOSLG</b> |

**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**