

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

Synonyms B7H2, B7RP1, ICOSL, KIAA0653

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 (By similarity).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

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.

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