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ICOSLG Antibody

Catalog # ASC12120

Product Information

Application	WB, IHC, IF, E
Primary Accession	O75144
Other Accession	O75144
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Clone Names	ICOSLG
Calculated MW	33349

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 Gl50, 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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.