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Goat anti-ICOS ligand / B7-H2 Antibody

Peptide-affinity purified goat antibody
Catalog # AF4344a

Product Information

Application	WB, Pep-ELISA
Primary Accession	O75144
Other Accession	NP_056074.1, NP_001269979.1, NP_001269980.1, NP_001269981.1
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Clone Names	ICOSLG
Calculated MW	33349

Additional Information

Gene ID	23308
Other Names	ICOSLG; inducible T-cell co-stimulator ligand; B7-H2; B7H2; B7RP-1; B7RP1; CD275; GL50; ICOS-L; ICOSL; LICOS; B7 homolog 2; B7 homologue 2; B7-like protein Gl50; B7-related protein 1; ICOS ligand; transmembrane protein B7-H2 ICOS ligand
Dilution	WB~~1:1000 Pep-ELISA~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Immunogen	This antibody is expected to recognize all reported isoforms (NP_056074.1; NP_001269979.1; NP_001269980.1; NP_001269981.1).
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-ICOS ligand / B7-H2 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'.