

Goat anti-ICOS ligand / B7-H2 Antibody
Peptide-affinity purified goat antibody
Catalog # AF4344a**Specification**

Goat anti-ICOS ligand / B7-H2 Antibody - 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
Calculated MW	33349

Goat anti-ICOS ligand / B7-H2 Antibody - 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 GI50; 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.

Goat anti-ICOS ligand / B7-H2 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, 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.

Goat anti-ICOS ligand / B7-H2 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](#)

Goat anti-ICOS ligand / B7-H2 Antibody - Images