

ICOSLG / ICOSL / ICOS Ligand Antibody (clone 2D3)
Mouse Monoclonal Antibody
Catalog # ALS12053

Specification

ICOSLG / ICOSL / ICOS Ligand Antibody (clone 2D3) - Product Information

Application	IHC
Primary Accession	O75144
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

ICOSLG / ICOSL / ICOS Ligand Antibody (clone 2D3) - Additional Information

Gene ID 23308

Other Names

ICOS ligand, B7 homolog 2, B7-H2, B7-like protein GI50, B7-related protein 1, B7RP-1, CD275, ICOSLG, B7H2, B7RP1, ICOSL, KIAA0653

Target/Specificity

Human ICOSL/CD275/B7H2

Reconstitution & Storage

+4°C. Store undiluted.

Precautions

ICOSLG / ICOSL / ICOS Ligand Antibody (clone 2D3) is for research use only and not for use in diagnostic or therapeutic procedures.

ICOSLG / ICOSL / ICOS Ligand Antibody (clone 2D3) - 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

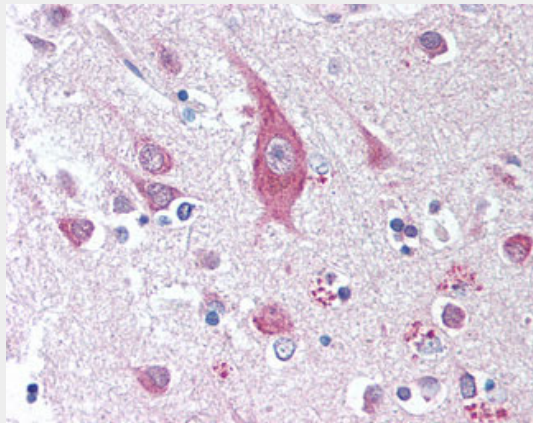
Expressed on peripheral blood B-cells and monocytes, as well as on monocyte-derived dendritic cells (at protein level). [Isoform 2]: Detected only in lymph nodes, leukocytes and spleen. Expressed on activated monocytes and dendritic cells.

ICOSLG / ICOSL / ICOS Ligand Antibody (clone 2D3) - 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 / ICOSL / ICOS Ligand Antibody (clone 2D3) - Images



Anti-ICOSLG / ICOSL antibody IHC of human brain, cortex.