



Rabbit Anti-Human ICOSLG Polyclonal Antibody (CABT-L2114)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|---------------------------|--|
| Product Overview | Polyclonal Antibody to Inducible T-Cell Co Stimulator Ligand (Knockout Validated) |
| Specificity | The antibody is a rabbit polyclonal antibody raised against ICOSLG. It has been selected for its ability to recognize ICOSLG in immunohistochemical staining and western blotting. |
| Target | ICOSLG |
| Immunogen | Recombinant fragment corresponding to human ICOSLG (Lys23~Thr249) |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human, Rat |
| Purification | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |
| Conjugate | Unconjugated |
| Applications | WB |
| Format | Liquid |
| Concentration | Lot specific |
| Size | 200 µg |
| Buffer | Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4. |
| Preservative | 0.05% Proclin-300 |

| | |
|----------------|---|
| Storage | Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months. |
| Ship | 4°C with ice bags |

BACKGROUND

| | |
|---------------------|---|
| Introduction | 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. |
| Keywords | CD275;B7-H2;B7H2;B7RP-1;B7RP1;GL50;ICOS-L;ICOSL;LICOS;B7-like protein GL50;B7-related protein 1 |

GENE INFORMATION

| | |
|----------------------------|---|
| Gene Name | ICOSLG inducible T-cell co-stimulator ligand [Homo sapiens (human)] |
| Official Symbol | ICOSLG |
| Synonyms | ICOSLG; inducible T-cell co-stimulator ligand; B7H2; GL50; B7-H2; B7RP1; CD275; ICOSL; LICOS; B7RP-1; ICOS-L; ICOS ligand; B7 homolog 2; B7 homologue 2; B7-like protein GL50; B7-related protein 1; transmembrane protein B7-H2 ICOS ligand; |
| Entrez Gene ID | 23308 |
| Protein Refseq | NP_001269979 |
| UniProt ID | O75144 |
| Chromosome Location | 21q22.3 |
| Pathway | Adaptive Immune System; Cell adhesion molecules (CAMs); Costimulation by the CD28 family; Immune System; Intestinal immune network for IgA production; |
| Function | receptor binding; |