

**ICOSLG Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14872b****Specification**

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**ICOSLG Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O75144](#)**ICOSLG Antibody (C-term) Blocking Peptide - 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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ICOSLG Antibody (C-term) Blocking Peptide - Protein Information****Name** ICOSLG**Synonyms** B7H2, B7RP1, ICOSL, KIAA0653**Function**

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 (By similarity).

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**Tissue Location**

Isoform 1 is widely expressed (brain, heart, kidney, liver, lung, pancreas, placenta, skeletal muscle, bone marrow, colon, ovary, prostate, testis, lymph nodes, leukocytes, spleen, thymus and tonsil), while isoform 2 is detected only in lymph nodes, leukocytes and spleen. Expressed on activated monocytes and dendritic cells.

## **ICOSLG Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **ICOSLG Antibody (C-term) Blocking Peptide - Images**

## **ICOSLG Antibody (C-term) Blocking Peptide - Background**

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 (By similarity).

## **ICOSLG Antibody (C-term) Blocking Peptide - References**

Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Wang, K., et al. Hum. Mol. Genet. 19(10):2059-2067(2010) Pan, F., et al. Immunogenetics 62(4):237-251(2010) Dubois, P.C., et al. Nat. Genet. 42(4):295-302(2010)