

# CD275 (B7-H2, B7-RP1, ICOSL) recombinant protein

CatalogNo: YD3018

# **| Key Features**

Reactivity

Human

#### Recommended Dilution Ratios

# Storage

**Storage\*** -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

**Formulation** Phosphate-buffered solution

### **Basic Information**

Source	Mammalian cells
Purification	Mammalian cells
Purity	>90% as determined by SDS-PAGE

# Immunogen Information

**Squence** Amino acid:19-256, with human FC tag.

## | Target Information

Gene name ICOSLG

**Protein Name** 

ICOS ligand (B7 homolog 2) (B7-H2) (B7-like protein GI50) (B7-related protein 1) (B7RP-1)

(CD antigen CD275)

Human

Organism Gene ID **UniProt ID** 102723996;

Cellular Localization Cell membrane; Single-pass type I membrane protein.

Tissue specificity 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.

**Function** 

Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for Tcell 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 costimulating memory T-cell function (By similarity).

#### Validation Data

### I Contact information

Orders: order@immunoway.com Support: tech@immunoway.com

Telephone: 877-594-3616 (Toll Free), 408-747-0185

Website: http://www.immunoway.com

Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the OR code to access additional product information: CD275 (B7-H2, B7-RP1. ICOSL) recombinant protein

075144;

For Research Use Only. Not for Use in Diagnostic Procedures.

Antibody | ELISA Kits | Protein | Reagents