

**Anti-B7-H2 / ICOSL / CD275 Reference Antibody (prezalumab)  
Recombinant Antibody  
Catalog # APR10011**

**Specification**

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**Anti-B7-H2 / ICOSL / CD275 Reference Antibody (prezalumab) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">O75144</a>
Reactivity	Cynomolgus, Human, Mouse
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	145 KDa

**Anti-B7-H2 / ICOSL / CD275 Reference Antibody (prezalumab) - Additional Information**

**Target/Specificity**  
B7-H2 / ICOSL / CD275

**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.

**Conjugation**  
Unconjugated

**Expression system**  
CHO Cell

**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

**Storage**  
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.

**Anti-B7-H2 / ICOSL / CD275 Reference Antibody (prezalumab) - 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

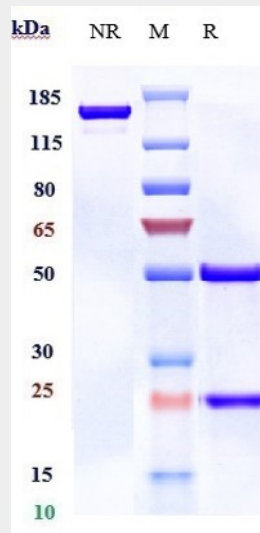
Isoform 1 is widely expressed (brain, heart, kidney, liver, lung, pancreas, placenta, skeletal muscle, bone marrow, colon, ovary, prostate, testis, lymph nodes, leukocytes, spleen, thymus and tonsil), while isoform 2 is detected only in lymph nodes, leukocytes and spleen. Expressed on activated monocytes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

### Anti-B7-H2 / ICOSL / CD275 Reference Antibody (prezalumab) - Protocols

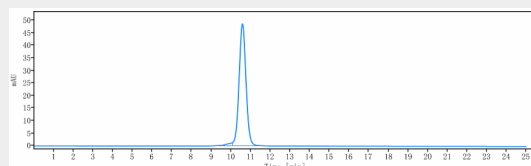
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

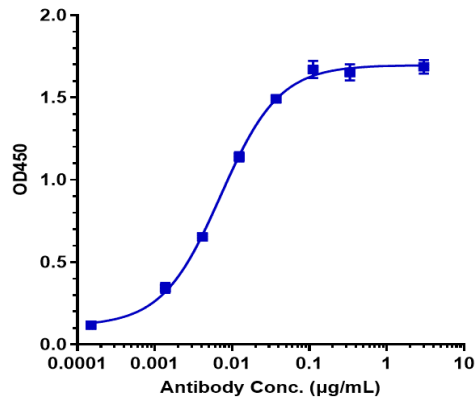
### Anti-B7-H2 / ICOSL / CD275 Reference Antibody (prezalumab) - Images



Anti-B7-H2 / ICOSL / CD275 Reference Antibody (prezalumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-B7-H2 / ICOSL / CD275 Reference Antibody (prezalumab) is more than 98.05%, determined by SEC-HPLC.



Immobilized human B7 H2 His at 2 µg/mL can bind Anti-B7-H2 / ICOSL / CD275 Reference Antibody (prezalumab)  $\square$  EC50=0.007111 µg/mL.