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

Recombinant Antibody
Catalog # APR10011

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	O75144
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	33349

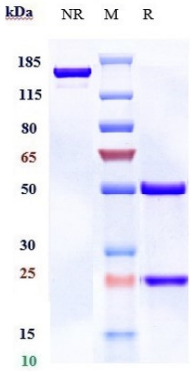
Additional Information

Target/Specificity	B7-H2 / ICOSL / CD275
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

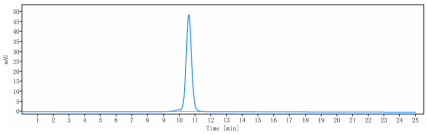
Protein Information

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, PubMed:11023515, PubMed: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).
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.

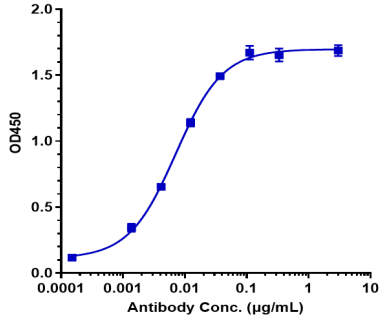
Images



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



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.