

For Research Use Only

ICOSLG/B7-H2/CD275 Recombinant monoclonal antibody, PBS Only

Catalog Number: 85173-5-PBS



Basic Information

Catalog Number: 85173-5-PBS	GenBank Accession Number: BC064637	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 23308	CloneNo.: 242241G9
Source: Rabbit	UNIPROT ID: O75144	
Isotype: IgG	Full Name: inducible T-cell co-stimulator ligand	
Immunogen Catalog Number: EG0008	Calculated MW: 33 kDa, 34 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

ICOSLG, also known as B7H2 or GL50, is a type I transmembrane glycoprotein belonging to the B7 ligand family. ICOSLG is extensively expressed on professional antigen-presenting cells including B cells, macrophages, and dendritic cells, as well as non-lymphoid cells including mesenchymal stem cells, endothelial cells, fibroblasts, and tumor cells (PMID: 33756276; 35800767). It is a specific ligand for the T-cell-specific cell surface receptor ICOS and acts as a co-stimulatory molecule (PMID: 11023515; 11007762). The interaction of ICOSLG and ICOS plays important roles in the activation, proliferation, differentiation, and cytokine production of T cells as well as in the antibody secretion from B cells during secondary immune responses (PMID: 21851236).

Storage

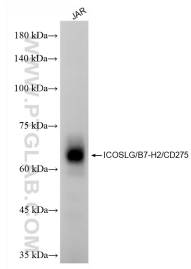
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



JAR cells were subjected to SDS PAGE followed by western blot with 85173-5-RR (ICOSLG antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85173-5-PBS in a different storage buffer formulation.