

For Research Use Only

ICOSLG Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 85173-1-PBS



Basic Information

Catalog Number: 85173-1-PBS	GenBank Accession Number: BC064637	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 23308	CloneNo.: 242241B5
Source: Rabbit	UNIPROT ID: O75144	
Isotype: IgG	Full Name: inducible T-cell co-stimulator ligand	
	Calculated MW: 33 kDa, 34 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85173-1-PBS targets ICOSLG as part of a matched antibody pair:

MP01890-1: 85173-3-PBS capture and 85173-1-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP01890-2: 85173-1-PBS capture and 85173-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

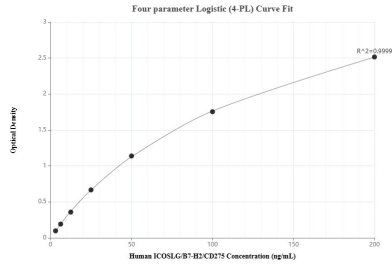
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

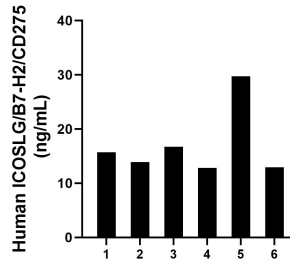
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

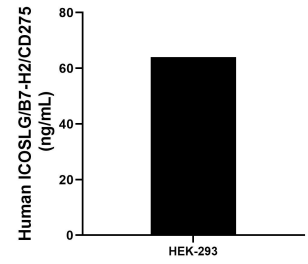
Selected Validation Data



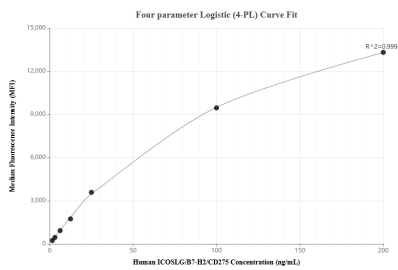
Sandwich ELISA standard curve of MP01890-1, Human ICOSLG/B7-H2/CD275 Recombinant Matched Antibody Pair - PBS only. 85173-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0008. 85173-1-PBS was HRP conjugated as the detection antibody. Range: 3.13-200 ng/mL



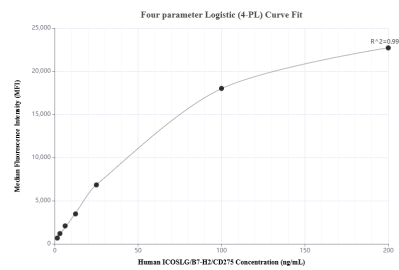
Serum of six individual healthy human donors was measured. The human ICOSLG/B7-H2/CD275 concentration of detected samples was determined to be 16.96 ng/mL with a range of 12.81 - 29.75 ng/mL.



The mean ICOSLG/B7-H2/CD275 concentration was determined to be 63.95 ng/mL in HEK-293 cell extract based on a 2.7 mg/mL extract load.



Cytometric bead array standard curve of MP01890-2, ICOSLG/B7-H2/CD275 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85173-1-PBS. Detection antibody: 85173-2-PBS. Standard: Eg0008. Range: 1.563-200 ng/mL



Cytometric bead array standard curve of MP01890-1, ICOSLG/B7-H2/CD275 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85173-3-PBS. Detection antibody: 85173-1-PBS. Standard: Eg0008. Range: 1.563-200 ng/mL