

For Research Use Only

Mouse B7-H2/ICOSLG Recombinant antibody, PBS Only (Capture)

Catalog Number: 83375-5-PBS



Basic Information

Catalog Number: 83375-5-PBS	GenBank Accession Number: NM_015790.3	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 50723	CloneNo.: 240243B11
Source: Rabbit	UNIPROT ID: Q9JHJ8-1	
Isotype: IgG	Full Name: icos ligand	
	Calculated MW: 36 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

Product Information

83375-5-PBS targets B7-H2/ICOSLG as part of a matched antibody pair:

MP00376-4: 83375-5-PBS capture and 83375-2-PBS detection (validated in Sandwich ELISA)

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

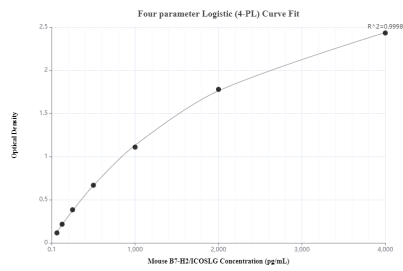
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

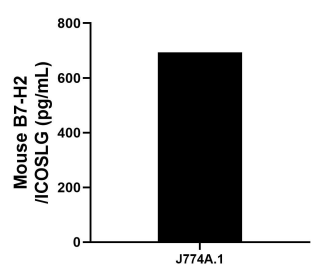
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

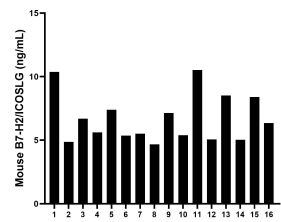
Selected Validation Data



Sandwich ELISA standard curve of MP00376-4, Mouse B7-H2/ICOSLG Monoclonal Matched Antibody Pair - PBS only. 83375-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ego923. 83375-2-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL



J774A.1 mouse reticulum cell sarcoma macrophage cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for mouse B7-H2/ICOSLG and measured 692.8 pg/mL



Serum of sixteen individual healthy mice were measured. The mouse B7-H2/ICOSLG concentration of detected samples was determined to be 6.7 ng/mL with a range of 4.7 - 10.5 ng/mL