

For Research Use Only

# ICOSLG/B7-H2/CD275 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50083-1

## Capture Antibody Information

Catalog Number:  
68694-1-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein A purification

Clone ID:  
2E2A2

Reactivity:  
human

Immunogen Catalog Number:  
Eg0008

Conjugate:  
Unconjugated

Full name:  
inducible T-cell co-stimulator ligand

Gene ID:  
23308

## Detection Antibody Information

Catalog Number:  
68694-2-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein A purification

Clone ID:  
3A8C12

Reactivity:  
human

GenBank:  
BC064637

Immunogen Catalog Number:  
Eg0008

Conjugate:  
Unconjugated

Full name:  
inducible T-cell co-stimulator ligand

Gene ID:  
23308

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
15.6-1000 pg/mL (Sandwich ELISA)

Recommended Dilutions:  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP50083-1 targets ICOSLG/B7-H2/CD275 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ICOSLG/B7-H2/CD275 Monoclonal antibody, PBS Only (Capture) 68694-1-PBS (2E2A2). 100 µg. Concentration 1 mg/mL.

Detection antibody: ICOSLG/B7-H2/CD275 Monoclonal antibody, PBS Only (Detector) 68694-2-PBS (3A8C12). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

Storage:  
Store at -80°C.  
Storage buffer:  
PBS only

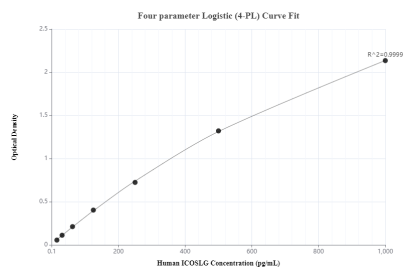
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

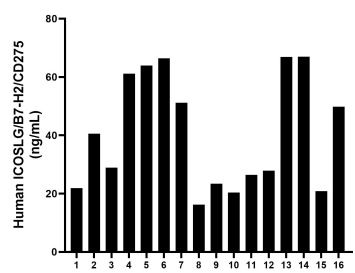
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 MP50083-1, ICOSLG Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68694-1-PBS. Detection antibody: 68694-2-PBS. Standard: Eg0008. Range: 15.6-1000 pg/mL.



Serum of sixteen individual healthy human donors was measured. The human ICOSLG/B7-H2/CD275 concentration of detected samples was determined to be 40.81 ng/mL with a range of 16.22 - 66.91 ng/mL.