

For Research Use Only

Mouse CD83 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00848-4

Capture Antibody Information

Catalog Number:
83907-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252734E11
Reactivity:
mouse
GenBank:
Immunogen Catalog Number:
Eg10435

Conjugate:
Unconjugated
Full name:
CD83 antigen
Gene ID:
12522

Detection Antibody Information

Catalog Number:
83907-5-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252734F1
Reactivity:
human, mouse
GenBank:
Immunogen Catalog Number:
Eg10435

Conjugate:
Unconjugated
Full name:
CD83 antigen
Gene ID:
12522

Applications

Tested Applications:
Sandwich ELISA

Range:
0.39-25 ng/mL (Sandwich ELISA)

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

Product Information

MP00848-4 targets CD83 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse CD83 Recombinant monoclonal antibody, PBS Only (Capture) 83907-6-PBS (252734E11). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse CD83 Recombinant monoclonal antibody, PBS Only (Detector) 83907-5-PBS (252734F1). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

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

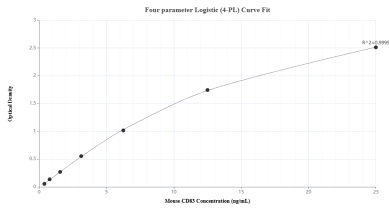
T: 4006900926

E: Proteintech-CN@ptglab.com

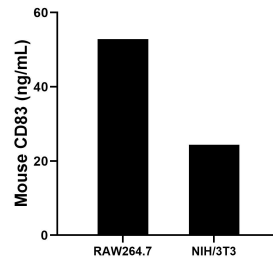
W: ptgcn.com

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

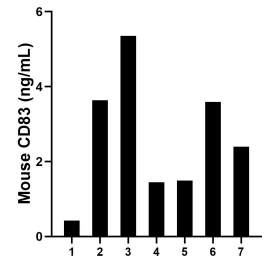
Selected Validation Data



Sandwich ELISA standard curve of MP00848-4, Mouse CD83 Recombinant Matched Antibody Pair - PBS only. 83907-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg10435. 83907-5-PBS was HRP conjugated as the detection antibody. Range: 0.39-25 ng/mL



The mean CD83 concentration was determined to be 52.81 ng/mL in RAW264.7 cell extract based on a 1.2 mg/mL extract load and 24.42 ng/mL in NIH/3T3 cell extract based on a 1.2 mg/mL extract load.



Serum of seven mice was measured. The mouse CD83 concentration of detected samples was determined to be 2.47 ng/mL with a range of 0.42 - 5.36 ng/mL.