

For Research Use Only

Mouse CD38 Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP02159-3**

Capture Antibody Information

Catalog Number:	85843-2-PBS	Clone ID:	250107D11
Host:	Rabbit	Reactivity:	mouse
Isotype:	IgG	GenBank:	NM_007646.5
Purification Method:	Protein A purification	Immunogen Catalog Number:	Eg2915

Conjugate:
Unconjugated
Full name:
CD38 antigen
Gene ID:
12494

Detection Antibody Information

Catalog Number:	85843-5-PBS	Clone ID:	250107A8
Host:	Rabbit	Reactivity:	mouse
Isotype:	IgG	GenBank:	NM_007646.5
Purification Method:	Protein A purification	Immunogen Catalog Number:	Eg2915

Conjugate:
Unconjugated
Full name:
CD38 antigen
Gene ID:
12494

Applications

Tested Applications:	Range:	Recommended Dilutions:
Sandwich ELISA	156-5000 pg/mL (Sandwich ELISA)	It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02159-3 targets CD38 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Cd38 Recombinant antibody, PBS Only (Capture) 85843-2-PBS (250107D11). 100 μ g. Concentration 1 mg/ml.

Detection antibody: Mouse Cd38 Recombinant antibody, PBS Only (Detector) 85843-5-PBS (250107A8). 100 μ g. 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:

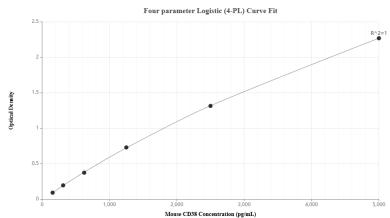
T: 4006900926

E: Proteintech-CN@ptgcn.com

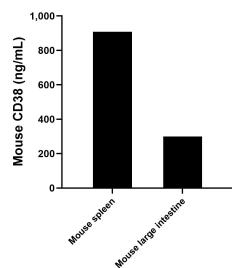
W: ptgcn.com

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Selected Validation Data



Sandwich ELISA standard curve of MP02159-3, Mouse CD38 Recombinant Matched Antibody Pair - PBS only. 85843-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2915.85843-5-PBS was HRP conjugated as the detection antibody. Range: 156-5000 pg/mL



The mean CD38 concentration was determined to be 907.60 ng/mL in mouse spleen tissue extract based on a 8.4 mg/mL extract load and 299.10 ng/mL in mouse large intestine tissue extract based on a 4.1 mg/mL extract load.