

For Research Use Only

Mouse CD18 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03055-2

Capture Antibody Information

Catalog Number:
87481-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
252753E4

Reactivity:
mouse

Immunogen Catalog Number:
Eg10459

Conjugate:
Unconjugated

Full name:
integrin beta 2

Gene ID:
16414

Detection Antibody Information

Catalog Number:
87481-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
252753H7

Reactivity:
mouse, rat

GenBank:
Immunogen Catalog Number:
Eg10459

Conjugate:
Unconjugated

Full name:
integrin beta 2

Gene ID:
16414

Applications

Tested Applications:
Sandwich ELISA

Range:
39.1-1250 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

MP03055-2 targets CD18 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse ITB2 Recombinant monoclonal antibody, PBS Only (Capture) 87481-3-PBS (252753E4). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse CD18 Recombinant monoclonal antibody, PBS Only (Detector) 87481-1-PBS (252753H7). 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.
Storage buffer:
PBS only

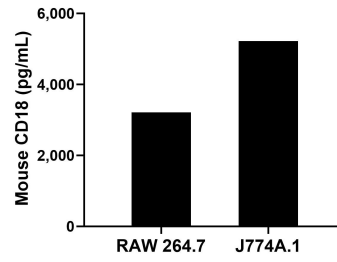
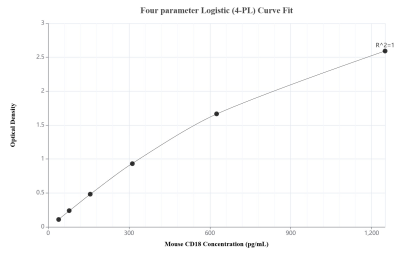
For technical support and original validation data for this product please contact:

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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 MP03055-2, Mouse CD18 Recombinant Matched Antibody Pair - PBS only. 87481-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg10459. 87481-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-1250 pg/mL

The mean CD18 concentration was determined to be 3,214.8 pg/mL in RAW 264.7 cell extract based on a 1.2 mg/mL extract load and 5,220.1 pg/mL in J774A.1 cell extract based on a 1.2 mg/mL extract load.