

For Research Use Only

# Mouse CD18 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03055-1

## 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:

87481-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

252753A4

Reactivity:

mouse

GenBank:

Immunogen Catalog Number:

Eg10459

Conjugate:

Unconjugated

Full name:

integrin beta 2

Gene ID:

16414

## Applications

Tested Applications:

Cytometric bead array

Range:

0.156-20 ng/mL (Cytometric Bead Array)

Recommended Dilutions:

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

## Product Information

MP03055-1 targets CD18 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

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

Detection antibody: Mouse ITB2 Recombinant monoclonal antibody, PBS Only (Detector) 87481-2-PBS (252753A4). 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:

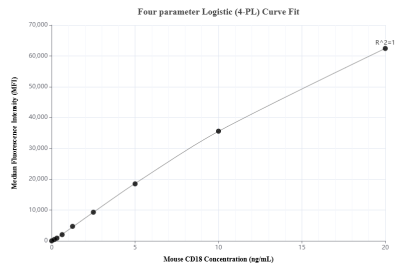
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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

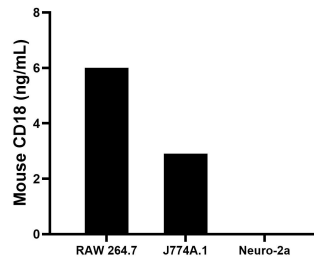
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Cytometric bead array standard curve of MP03055-1, MOUSE CD18 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87481-3-PBS. Detection antibody: 87481-2-PBS. Standard: Eg10459. Range: 0.156-20 ng/mL



The mean CD18 concentration was determined to be 6.0 ng/mL in RAW 264.7 cell extract based on a 1.2 mg/mL extract load, 2.9 ng/mL in J774A.1 cell extract based on a 1.3 mg/mL extract load, Neuro-2a cell extract were served as a negative control.