

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  
**GenBank:**  
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  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: Mouse CD18 Recombinant monoclonal antibody, PBS Only (Detector) 87481-1-PBS (252753H7). 100  $\mu$ 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:

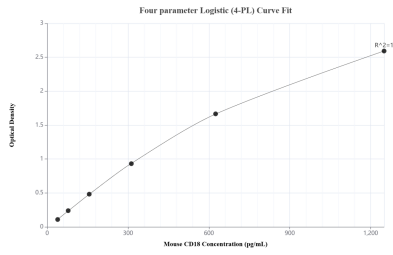
T: 4006900926

E: Proteintech-CN@ptglab.com

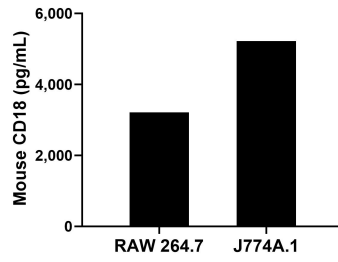
W: ptgcn.com

**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 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.