

For Research Use Only

Mouse ITB2 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87481-3-PBS



Basic Information

Catalog Number:

87481-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG10459

GenBank Accession Number:

GeneID (NCBI):

16414

Full Name:

integrin beta 2

Purification Method:

Protein A purification

CloneNo.:

252753E4

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:

mouse

Product Information

87481-3-PBS targets ITB2 as part of a matched antibody pair.

MP03055-1: 87481-3-PBS capture and 87481-2-PBS detection (validated in Cytometric bead array)

MP03055-2: 87481-3-PBS capture and 87481-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

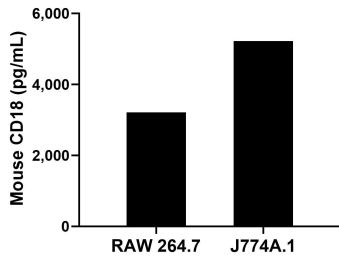
For technical support and original validation data for this product please contact:

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

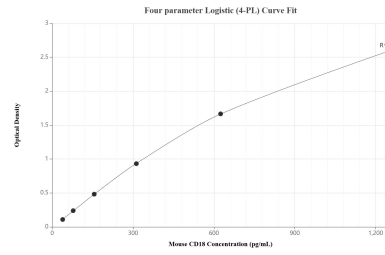
E: proteintech@ptglab.com
W: ptglab.com

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

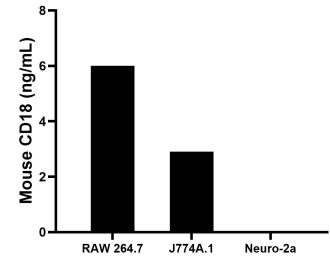
Selected Validation Data



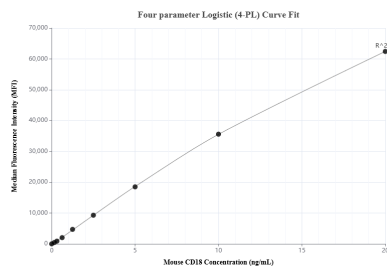
The mean CD18 concentration was determined to be 3,214.8 pg/mL in RAW 264.7 cell extract based on a 1.2 mg/mL extract load and 5,220.1 pg/mL in J774A.1 cell extract based on a 1.2 mg/mL extract load.



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 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.



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.