For Research Use Only

Mouse CD63 Recombinant monoclonal antibody, PBS Only (Capture/Detector)

Catalog Number:87484-3-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
87484-3-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG2110

GenBank Accession Number:
NM_001042580.1

GeneID (NCBI):
12512

UNIPROT ID:
P41731

Full Name:
CD63 antigen

Calculated MW:
26kDa

Purification Method:
Protein A purification

CloneNo.:
260268D2

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

Product Information

87484-3-PBS targets CD63 as part of a matched antibody pair:

MP03408-1: 87484-4-PBS capture and 87484-3-PBS detection (validated in Cytometric bead array)

MP03408-2: 87484-3-PBS capture and 87484-5-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.

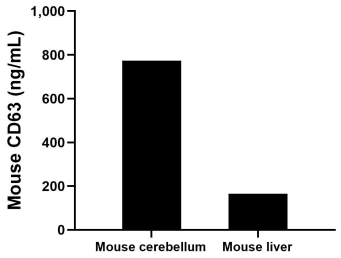
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

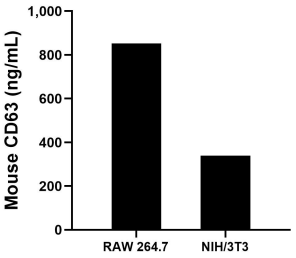
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

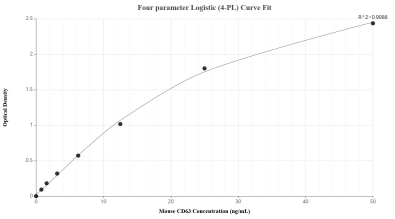
Selected Validation Data



The mean CD63 concentration was determined to be 774.12 ng/mL in mouse cerebellum tissue extract based on a 6.00 mg/mL extract load and 165.29 ng/mL in mouse liver tissue extract based on a 3.70 mg/mL extract load.



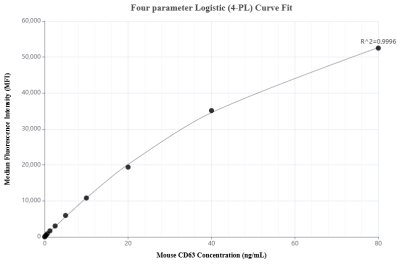
The mean CD63 concentration was determined to be 852.14 ng/mL in RAW 264.7 cell extract based on a 1.20 mg/mL extract load and 339.34 ng/mL in NIH/3T3 cell extract based on a 1.50 mg/mL extract load.



Sandwich ELISA standard curve of MP03408-2, Mouse CD63 Recombinant Matched Antibody Pair - PBS only. 87484-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2110. 87484-5-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL.



The mean CD63 concentration was determined to be 0.6 ng/mL in mouse skeletal muscles tissue extract based on a 1.0 mg/mL extract load, 0.1 ng/mL in mouse liver tissue extract based on a 1.0 mg/mL extract load.



Cytometric bead array standard curve of MP03408-1, MOUSE CD63 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87484-4-PBS. Detection antibody: 87484-3-PBS. Standard: Eg2110. Range: 0.156-80 ng/mL.