For Research Use Only

Mouse CD63 Recombinant Matched Antibody Pair, PBS Only

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

Catalog Number:MP03408-2

Capture Antibody Information

Catalog Number:
87484-3-PBS

Clone ID:
260268D2

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
CD63 antigen

Isotype:
IgG

Immunogen Catalog Number:
Eg2110

Gene ID:
12512

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
87484-5-PBS

Clone ID:
260268F1

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
CD63 antigen

Isotype:
IgG

GenBank:
NM_001042580.1

Gene ID:
12512

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg2110

Applications

Tested Applications:
Sandwich ELISA

Range:
0.781-50 ng/mL (Sandwich ELISA)

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

Product Information

MP03408-2 targets CD63 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse CD63 Recombinant monoclonal antibody, PBS Only (Capture/Detector) 87484-3-PBS (260268D2). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse CD63 Recombinant monoclonal antibody, PBS Only (Detector) 87484-5-PBS (260268F1). 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.

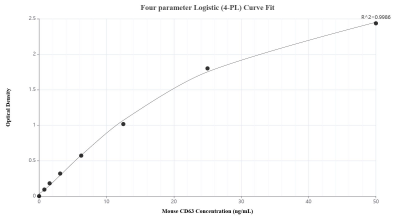
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

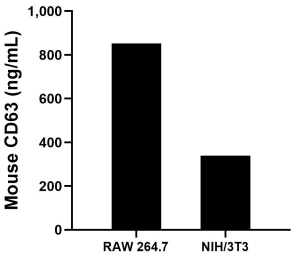
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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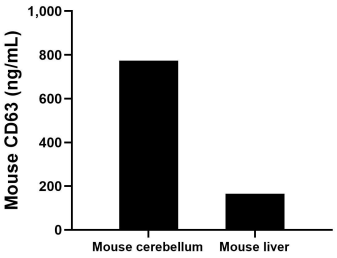
Selected Validation Data



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 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.



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.