For Research Use Only

Mouse Apolipoprotein AI Recombinant Matched Antibody Pair, PBS Only

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Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:MP03804-1

Capture Antibody Information

Catalog Number:
89119-3-PBS

Clone ID:
262108A10

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
apolipoprotein A-I

Isotype:
IgG

Immunogen Catalog Number:
Eg13157

Gene ID:
11806

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
89119-2-PBS

Clone ID:
262108F12

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
apolipoprotein A-I

Isotype:
IgG

GenBank:
NM_009692.4

Gene ID:
11806

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg13157

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.078-10 ng/mL (Cytometric Bead Array)
97.7-6250 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

MP03804-1 targets Apolipoprotein AI in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse Apolipoprotein A-I/APOA1 Recombinant monoclonal antibody, PBS Only (Capture) 89119-3-PBS (262108A10). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse Apolipoprotein A-I/APOA1 Recombinant monoclonal antibody, PBS Only (Detector) 89119-2-PBS (262108F12). 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.

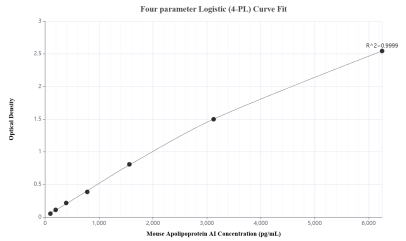
Storage

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

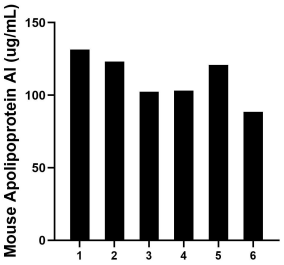
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

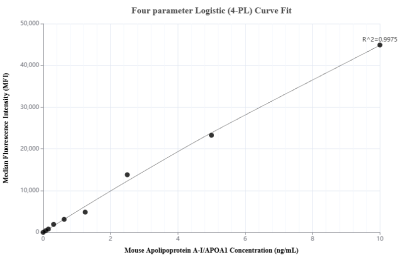
Selected Validation Data



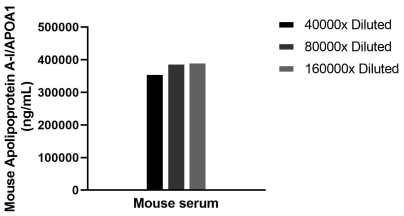
Sandwich ELISA standard curve of MP03804-1, Mouse Apolipoprotein AI Recombinant Matched Antibody Pair - PBS only. 89119-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg13157. 89119-2-PBS was HRP conjugated as the detection antibody. Range: 97.7-6250 pg/mL.



Serum of six mice was measured. The Apolipoprotein AI concentration of detected samples was determined to be 111.6 ug/mL with a range of 88.5-131.5 ug/mL.



Cytometric bead array standard curve of MP03804-1, MOUSE APOA1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 89119-3-PBS. Detection antibody: 89119-2-PBS. Standard: Eg13157. Range: 0.078-10 ng/mL.



The mean APOA1 concentration was determined to be 38075.3 ng/mL in mouse serum.