For Research Use Only

Mouse Apolipoprotein A-I/APOA1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:89119-2-PBS

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

Basic Information

Catalog Number:
89119-2-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG13157

GenBank Accession Number:
NM_009692.4

GeneID (NCBI):
11806

UNIPROT ID:
Q00623

Full Name:
apolipoprotein A-I

Calculated MW:
31kDa

Purification Method:
Protein A purification

CloneNo.:
262108F12

Applications

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

Species Specificity:
mouse

Product Information

89119-2-PBS targets Apolipoprotein A-I/APOA1 as part of a matched antibody pair:

MP03804-1: 89119-3-PBS capture and 89119-2-PBS detection (validated in Cytometric bead array, 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.

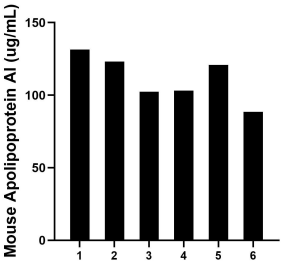
Storage

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

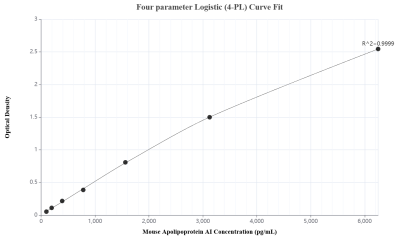
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

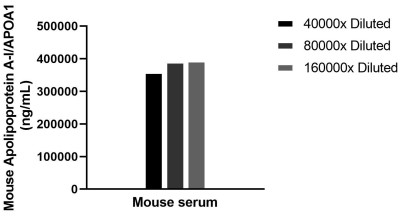
Selected Validation Data



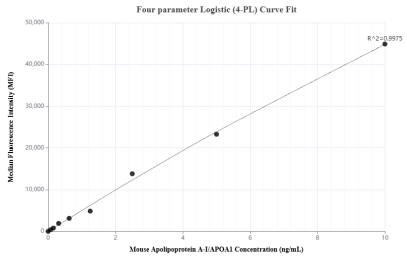
Serum of six mice was measured. The Apolipoprotein AI concentration of detected samples was determined to be 111.6 ug/mL with a range of 88.5-131.5 ug/mL.



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.



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



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.