

For Research Use Only

Mouse Apolipoprotein E Recombinant antibody, PBS Only (Detector)

Catalog Number: 83728-1-PBS



Basic Information

Catalog Number:

83728-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001305819.1

GeneID (NCBI):

11816

UNIPROT ID:

P08226

Full Name:

Apolipoprotein E

Calculated MW:

36kDa

Purification Method:

Protein A purification

CloneNo.:

240786C6

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

mouse

Product Information

83728-1-PBS targets Apolipoprotein E as part of a matched antibody pair:

MP00712-1: 83728-3-PBS capture and 83728-1-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP00712-2: 83728-2-PBS capture and 83728-1-PBS detection (validated in Cytometric bead array)

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

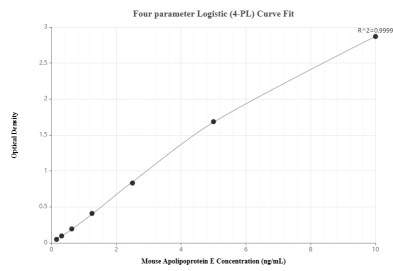
For technical support and original validation data for this product please contact:

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

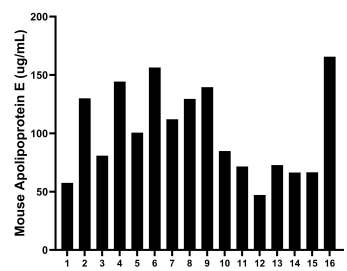
E: proteintech@ptglab.com
W: ptglab.com

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

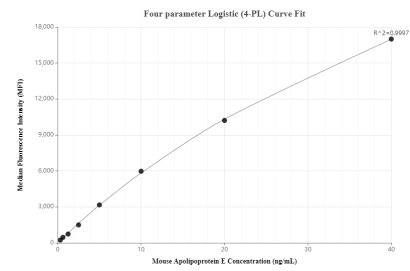
Selected Validation Data



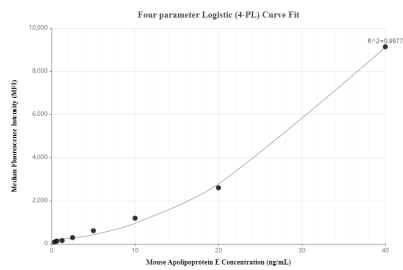
Sandwich ELISA standard curve of MP00712-1, Mouse Apolipoprotein E Recombinant Matched Antibody Pair - PBS only. 83728-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0941. 83728-1-PBS was HRP conjugated as the detection antibody. Range: 0.16-10 ng/mL



Serum of sixteen mice was measured. The Apolipoprotein E concentration of detected samples was determined to be 101.6 μ g/mL with a range of 47.2 - 165.7 μ g/mL.



Cytometric bead array standard curve of MP00712-1, MOUSE Apoe Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83728-3-PBS. Detection antibody: 83728-1-PBS. Standard: Eg1093. Range: 0.313-40 ng/mL



Cytometric bead array standard curve of MP00712-2, MOUSE Apoe Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83728-2-PBS. Detection antibody: 83728-1-PBS. Standard: Eg1093. Range: 0.313-40 ng/mL