

For Research Use Only

PE-conjugated APOE Monoclonal antibody



Catalog Number: PE-66830

Featured Product

Basic Information

Catalog Number:

PE-66830

Size:

100ul , Concentration: 200 µg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28186

GenBank Accession Number:

BC003557

GeneID (NCBI):

348

UNIPROT ID:

P02649

Full Name:

apolipoprotein E

Calculated MW:

36 kDa

Observed MW:

34-36 kDa

Purification Method:

Protein G purification

CloneNo.:

1B2C9

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

Species Specificity:

human, mouse

Background Information

The apolipoprotein E (APOE) is a 299-amino acid polypeptide that mediates the binding, internalization, and catabolism of lipoprotein particles, and also serve as a ligand for the LDL (APO B/E) receptor and for the specific APOE receptor (chylomicron remnant) of hepatic tissues. The very strong association of the APOE ε4 allele with AD risk and its role in the accumulation of amyloid β in brains of people and animal models solidify the biological relevance of APOE isoforms but do not provide mechanistic insight.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 0.5% BSA.

Aliquoting is unnecessary for -20°C storage

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

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