

For Research Use Only

# PE-conjugated APOE Monoclonal antibody



Catalog Number: PE-66830

Featured Product

## Basic Information

Catalog Number:

PE-66830

Size:

200 µg/ml

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 4 allele with AD risk and its role in the accumulation of amyloid  $\beta$  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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## Selected Validation Data