

CoraLite® Plus 647-conjugated APOE Monoclonal antibody

Catalog Number: **CL647-66830**

Basic Information

Catalog Number:

CL647-66830

Size:

1000 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:

654 nm / 674 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 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 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

