

For Research Use Only



CoraLite® Plus 647-conjugated APOE Monoclonal antibody

Catalog Number:CL647-66830

Basic Information

Catalog Number: CL647-66830	GenBank Accession Number: BC003557	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/mL by Nanodrop;	GeneID (NCBI): 348	CloneNo.: 1B2C9
Source: Mouse	UNIPROT ID: P02649	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG1	Full Name: apolipoprotein E	
Immunogen Catalog Number: AG28186	Calculated MW: 36 kDa	
	Observed MW: 34-36 kDa	

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 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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