

Mouse anti-Human ApoE Monoclonal Antibody | anti-ApoE antibody

ApoE Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319947	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ApoE; Monoclonal Antibody; ApoE Monoclonal Antibody; Apolipoprotein E; APOE; Apo-E; anti-ApoE antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	ApoE Monoclonal Antibody detects endogenous levels of ApoE protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-ApoE antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human ApoE expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



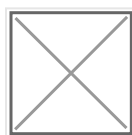
ELISA

Mouse Monoclonal analysis via ELISA



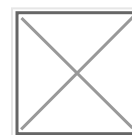
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HepG2 cells using ApoE Monoclonal Antibody (green) and negative control (purple).



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded liver cancer tissues (left) and brain tissues (right) with DAB staining using ApoE Monoclonal Antibody.



WB (Western Blot)

Western Blot analysis using ApoE Monoclonal Antibody against HEK293 (1) and ApoE (AA: 20-267)-hlgGfC transfected HEK293 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-ApoE antibody	The protein encoded by this gene is a major apoprotein of the chylomicron. It binds to a specific liver and peripheral cell receptor, and is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. This gene maps to chromosome 19 in a cluster with the related apolipoprotein C1 and C2 genes. Mutations in this gene result in familial dysbetalipoproteinemia, or type III hyperlipoproteinemia (HLP III), in which increased plasma cholesterol and triglycerides are the consequence of impaired clearance of chylomicron and VLDL remnants. [provided by RefSeq, Jun 2016]
Product Categories/Family for anti-ApoE antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557325
NCBI GeneID	348
NCBI Accession #	NP_000032.1
NCBI GenBank Nucleotide #	NM_000041.2
UniProt Accession #	P02649; Q9P2S4; B2RC15; C0JYY5
Molecular Weight	36,154 Da
NCBI Official Full Name	apolipoprotein E
NCBI Official Synonym Full Names	apolipoprotein E
NCBI Official Symbol	APOE
NCBI Official Synonym Symbols	AD2; LPG; LDLCQ5
NCBI Protein Information	apolipoprotein E; apo-E; apolipoprotein E3
UniProt Protein Name	Apolipoprotein E
UniProt Gene Name	APOE
UniProt Synonym Gene Names	Apo-E
UniProt Entry Name	APOE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/apoe-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/319947>