

Mouse anti-Human Apolipoprotein E4 Monoclonal Antibody | anti-APOE antibody

Mouse Anti-Apolipoprotein E4 [4E4]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59502	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot, ELISA, Dot Blot

PRODUCT SYNONYMS

Apolipoprotein E4; Monoclonal Antibody; Mouse Anti-Apolipoprotein E4 [4E4]; AD2 antibody; Alzheimer disease 2 (APOE*E4 associated; late onset) antibody; Apo E4 antibody; APOE antibody; apoe4 antibody; Apolipoprotein E antibody; Apolipoprotein E3 antibody; LDLQC5 antibody; LPG antibody; MGC1571 antibody; anti-APOE antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4E4
Specificity	Specific for Apolipoprotein E4, no cross-reactivity with ApoE2 or ApoE3
Purity/Purification	Protein G
Form/Format	Purified antibody (from supernatant) containing PBS + 0.1% sodium azide
Concentration	1mg/ml (varies by lot)
Sequence Length	317
Applicable Applications for anti-APOE antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot), ELISA, DB (Dot Blot)
Target Antigen	Apolipoprotein E4
Immunogen	KLH-coupled ApoE4 peptide; human
Myeloma/fusion Partners	X63-Ag8.653

IMAGES



WB (Western Blot)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557325
NCBI GeneID	348
NCBI Accession #	NP-000032

NCBI GenBank Nucleotide #	NM_000041.3
UniProt Accession #	P02649; Q9P2S4; B2RC15; C0JYY5
Molecular Weight	36,154 Da
NCBI Official Full Name	apolipoprotein E isoform b
NCBI Official Synonym Full Names	apolipoprotein E
NCBI Official Symbol	APOE
NCBI Official Synonym Symbols	AD2; LPG; APO-E; LDLCQ5
NCBI Protein Information	apolipoprotein 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/apolipoprotein-e4-antibody-clone-4e4-flow-cytometry-immunoprecipitation-western-blot-dot-blot-elisa/59502>