

Mouse anti-Human APOA1 Antibody | anti-APOA1 antibody

APOA1 Antibody

CATALOG # AAA17952	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

APOA1; APOA1 Antibody; MGC117399; anti-APOA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	5F4F5
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	267
Applicable Applications for anti-APOA1 antibody	WB (Western Blot), ELISA
Application Notes	WB: 1:500-1:2000 ELISA: 1:10000. Not yet tested in other applications. Determining optimal working dilutions by titration test.
Immunogen	Purified recombinant fragment of human APOA1 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES

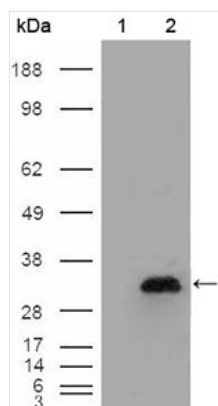

WB (Western Blot)

Figure 2. Western blot analysis using APOA1 mouse mAb against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY APOA1 cDNA (2).

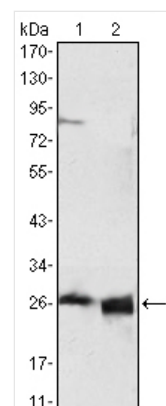

WB (Western Blot)

Figure 1. Western blot analysis using APOA1 mouse mAb against HepG2 cell lysate (1) and human serum (2).

ADDITIONAL INFORMATION

Related Product Information for anti-APOA1 antibody	Background: APOA1. apolipoprotein A-I, it is the major protein component of high density lipoprotein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretion, and it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. Defects in the Apolipoprotein A I gene are associated with HDL deficiency and Tangier disease. The therapeutic potential of apoA-I has been recently assessed in patients with acute coronary syndromes, using a recombinant form of a naturally occurring variant of apoA-I. The availability of recombinant normal apoA-I should facilitate further investigation into the potential usefulness of apoA-I in preventing atherosclerotic vascular diseases.
Product Categories/Family for anti-APOA1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557321
NCBI GeneID	335
NCBI Accession #	NP_000030.1
NCBI GenBank Nucleotide #	NM_000039.2
UniProt Accession #	P02647; Q6LDN9; Q6Q785; Q9UCS8; Q9UCT8; A8K866
Molecular Weight	25kDa
NCBI Official Full Name	apolipoprotein A-I isoform 1 preproprotein
NCBI Official Synonym Full Names	apolipoprotein A1
NCBI Official Symbol	APOA1
NCBI Official Synonym Symbols	apo(a)
NCBI Protein Information	apolipoprotein A-I
UniProt Protein Name	Apolipoprotein A-I
UniProt Gene Name	APOA1
UniProt Synonym Gene Names	Apo-AI; ApoA-I; ProapoA-I

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://www.aaabiotech.com/mouse-human-antibody/apoa1/17952>