

Mouse anti-Human APOA1 / Apolipoprotein A 1 Monoclonal Antibody | anti-APOA1 antibody

Mouse Monoclonal [clone AT1E12] (IgG1,k) to Human APOA1 / Apolipoprotein A 1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52547	Mouse	Human	ELISA, Western Blot, Immunohistochemistry

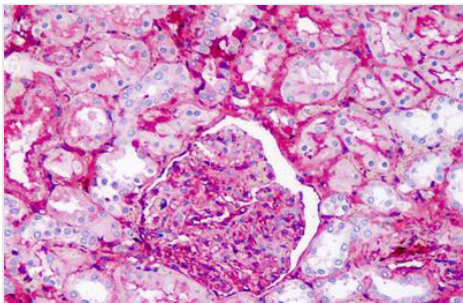
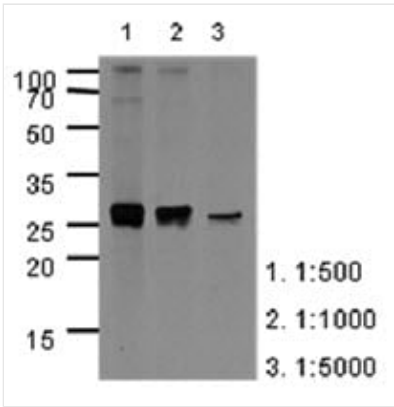
PRODUCT SYNONYMS

APOA1 / Apolipoprotein A 1; Monoclonal Antibody; Mouse Monoclonal [clone AT1E12] (IgG1; k) to Human APOA1 / Apolipoprotein A 1; Anti-APOA1 / Apolipoprotein A 1 Antibody (clone AT1E12) IHC-plus; APOA1; ApoA-I; APOAI; Apolipoprotein A-I; Apolipoprotein A1; Apo-AI; Human APOA1; Apolipoprotein A 1; anti-APOA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	AT1E12
Specificity	Human Apolipoprotein A1 / APOA1
Purity/Purification	Protein G Purified
Form/Format	PBS, pH 7.4, 0.1% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	267
Applicable Applications for anti-APOA1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant human APOA1 (25-267aa) purified from E Coli.
Immunogen Type	Recombinant protein
Immunogen	APOA1 / Apolipoprotein A 1 antibody was raised against recombinant human APOA1 (25-267aa) purified from E Coli.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-APOA1 / Apolipoprotein A 1 antibody IHC staining of human kidney.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

WB (Western Blot)
Western Blot: The extracts of HepG2 (40 ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human APOA1 (1:500-1:5000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

ADDITIONAL INFORMATION

Related Product Information for anti-APOA1 antibody	APOA1 promotes cholesterol efflux from tissues to the liver for excretion. Apolipoprotein A-I is the major protein component of high density lipoprotein (HDL) in the plasma. Synthesized in the liver and small intestine, it consists of two identical chains of 77 amino acids; an 18-amino acid signal peptide is removed co-translationally and a 6-amino acid propeptide is cleaved post-translationally.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557321
NCBI GeneID	335
NCBI Accession #	NP_000030.1
NCBI GenBank Nucleotide #	NM_000039.1
UniProt Accession #	P02647; Q6LDN9; Q6Q785; Q9UCS8; Q9UCT8; A8K866
Molecular Weight	30,778 Da
NCBI Official Full Name	apolipoprotein A-I preproprotein
NCBI Official Synonym Full Names	apolipoprotein A-I
NCBI Official Symbol	APOA1
NCBI Protein Information	apolipoprotein A-I; apo-AI
UniProt Protein Name	Apolipoprotein A-I
UniProt Gene Name	APOA1
UniProt Synonym Gene Names	Apo-AI; ApoA-I; ProapoA-I
UniProt Entry Name	APOA1_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.