

Mouse anti-Human APOL1 Monoclonal Antibody | anti-APOL1 antibody

APOL1 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268512	Mouse	Human	ELISA, Western Blot, Flow Cytometry, Functional Assay, Immunofluorescence

PRODUCT SYNONYMS

APOL1; Monoclonal Antibody; APOL1 Mouse mAb; APOL; APO-L; APOL-I; anti-APOL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1D4
Purity/Purification	Ascitic Fluid
Form/Format	Ascitic fluid containing 0.03% Sodium Azide.
Sequence Length	398
Applicable Applications for anti-APOL1 antibody	ELISA, WB (Western Blot), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Immunogen	Purified recombinant fragment of APOL1 expressed in E. Coli.
Cellular Localization	HDL, Secreted
Preparation and Storage	Store at 4°C short term. Store at -20°C long term. Avoid freeze/thaw cycle.

ADDITIONAL INFORMATION

Related Product Information for anti-APOL1 antibody	APOL1(apolipoprotein L, 1), also known as APOL, APO-L, APOL-I. Entrez Protein NP_001130012. It is a 395aa secreted high density lipoprotein which binds to apolipoprotein A-I. And is involved in the formation of most cholesteryl esters in plasma and also promotes efflux of cholesterol from cells. The apolipoprotein L gene family encodes six highly homologous proteins designated apoL-I to-VI. This apolipoprotein L family member may play a role in lipid exchange and transport throughout the body, as well as in reverse cholesterol transport from peripheral cells to the liver. Several different transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	211938440
NCBI GeneID	8542
NCBI Accession #	NP_001130012.1
NCBI GenBank Nucleotide #	NP_001130012.1
UniProt Accession #	O14791
Molecular Weight	44kDa

NCBI Official Full Name	apolipoprotein L1 isoform a
NCBI Official Synonym Full Names	apolipoprotein L1
NCBI Official Symbol	APOL1
NCBI Official Synonym Symbols	APOL; APO-L; FSGS4; APOL-I
NCBI Protein Information	apolipoprotein L1
UniProt Protein Name	Apolipoprotein L1
UniProt Gene Name	APOL1
UniProt Synonym Gene Names	APOL; Apo-L; ApoL; ApoL-I
UniProt Entry Name	APOL1_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/apol1-antibody-clone-1d4-western-blot-flow-cytometry-immunofluorescence-elisa/268512>