

Mouse anti-Human ApoM Antibody | anti-ApoM antibody

ApoM Antibody

CATALOG # AAA108773	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

ApoM; ApoM Antibody; G3a; NG20; HSPC336; MGC22400; anti-ApoM antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	8F12C6B8
Form/Format	Purified antibody in PBS containing 0.03% sodium azide.
Sequence Length	116
Applicable Applications for anti-ApoM antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human ApoM expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IF (Immunofluorescence)

Figure 2. Immunofluorescence analysis of methanol-fixed L-02 (left) and Cos7 (right) cells using ApoM mouse mAb showing cytoplasmic and membrane localization.



WB (Western Blot)

Figure 1. Western blot analysis using ApoM mouse mAb against human serum (1, 2).

ADDITIONAL INFORMATION

Related Product Information for anti-ApoM antibody	ApoM (apolipoprotein M, also designated G3a or NG20), with 188-amino acid protein (about 21kDa), is an apolipoprotein and member of the lipocalin protein family. The Apo-proteins are involved in the specific binding of cellular receptors, the regulation of lipolytic enzymes, and the process of lipid exchange. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. The N-terminal region of Apo-M contains hydrophobic residues that may promote association with the phospholipid layer of lipoprotein particles. In vitro, Apo-M is glycosylated when translated in the presence of microsomes, and remains associated with the microsomes after carbonate treatment. Apo-M is expressed in liver and kidney, and is secreted into the bloodstream in HDLs, and also found in triglyceride-rich lipoproteins and LDLs.
Product Categories/Family for anti-ApoM 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 #	371873523
NCBI GeneID	55937
NCBI Accession #	NP_001243098.1
NCBI GenBank Nucleotide #	NM_001256169.1
UniProt Accession #	O95445; Q5SRP4; Q9P046; Q9UMP6; B0UX98
Molecular Weight	21kDa
NCBI Official Full Name	apolipoprotein M isoform 2
NCBI Official Synonym Full Names	apolipoprotein M
NCBI Official Symbol	APOM
NCBI Official Synonym Symbols	G3a; NG20; apo-M; HSPC336
NCBI Protein Information	apolipoprotein M
UniProt Protein Name	Apolipoprotein M
UniProt Gene Name	APOM
UniProt Synonym Gene Names	G3A; NG20; Apo-M; ApoM

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/mouse-human-antibody/apom/108773>