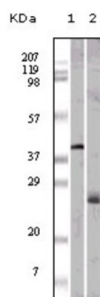
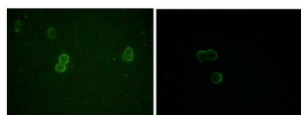


Apolipoprotein M (ApoM) Antibody

Catalogue No.: abx015722



Western blot analysis using ApoM antibody against GST-ApoM recombinant protein (1) and human serum (2).



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

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.

Target: Apolipoprotein M (ApoM)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, IF/ICC

Host: Mouse

Recommended dilutions: ELISA: 1/10000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of ApoM expressed in E. coli.

Datasheet

Version: 3.0.0
Revision date: 06 Sep 2025



Isotype:	IgG _{2a}
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O95445 (UniProt , ExPASy)
Gene Symbol:	APOM
GeneID:	55937
OMIM:	606907
HGNC:	13916
KEGG:	hsa:55937
Ensembl:	ENSG00000204444
String:	9606.ENSP00000365081
Molecular Weight:	21 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.