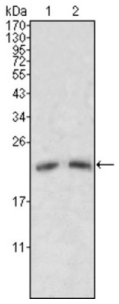
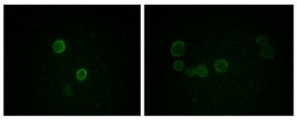
Apolipoprotein M (ApoM) Antibody

Catalogue No.:abx010417



Western blot analysis using ApoM antibody against human serum (1, 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.

Target:	Apolipoprotein M (ApoM)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IF/ICC
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human ApoM expressed in E. coli.
Isotype:	IgG_1

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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.

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