

Product Datasheet

ApoM (2C9) Mouse mAb

Catalog No: AB3491

Reactivity: Human

Isotype: Mouse IgG1

Applications: WB, ICC/IF



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Information

UniProt ID: O95445

All Names: APOM; G3A; NG20; HSPC336; Apolipoprotein M; Apo-M; ApoM; Protein G3a

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 21kDa

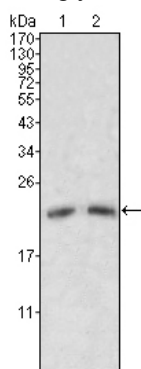
Application

WB: 1/500-1/1000

ICC/IF: 1/50-1/200

Background

Swiss-Prot Acc.O95445.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.



Western blot analysis of ApoM (2C9) in human serum (1, 2) lysates using ApoM (2C9) antibody.

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