

产品名称: ApoM Mouse Monoclonal Antibody
产品货号: AMM80576



产品概述 (Summary)

产品名称 (Production Name)	ApoM Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ICC,ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ApoM
别名 (Alternative Names)	G3a; NG20; HSPC336; MGC22400
基因 ID (Gene ID)	55937.0
蛋白 ID (SwissProt ID)	O95445.Purified recombinant fragment of human ApoM expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	21kDa

研究背景 (Background)

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

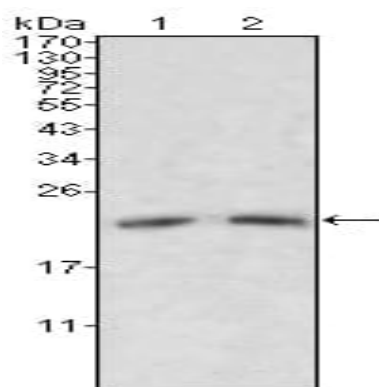
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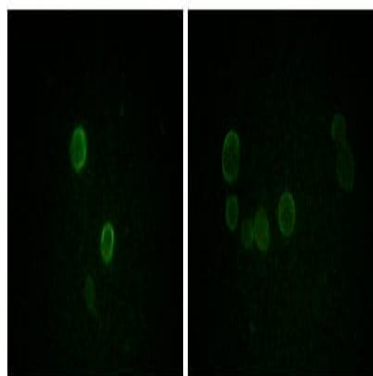
regulation of lipolytic enzymes, and the process of lipid exchange. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. The N-terminal region of Apo-M contains hydrophobic residues that may promote association with the phospholipid 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.

研究领域 (Research Area)

图片 (Image Data)



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



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

注意事项 (Note)

For research use only .