



ApoM

Mouse monoclonal Antibody

#54006

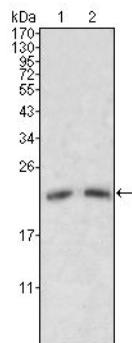
Catalog Number: 54006**Amount:** 100µg/100µl**Swiss-Prot No. :** O95445**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human ApoM protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of ApoM and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 21kd WB: 1:500-2000 ICC:1:200-1000

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

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 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.