

ApoM Monoclonal Antibody

Catalog No: YM0039

Reactivity: Human

Applications: WB;IF;ELISA

Target: ApoM

Gene Name: APOM

Protein Name: Apolipoprotein M

Human Gene Id: 55937

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen: Purified recombinant fragment of human ApoM expressed in E. Coli.

Specificity: ApoM Monoclonal Antibody detects endogenous levels of ApoM protein.

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Monoclonal, Mouse

Dilution: WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other

applications.

O95445

Q9Z1R3

Purification: Affinity purification

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 21kD



P References:

- 1. Xu, N. & Dahlback, B. 1999 J. Biol. Chem. 274:31286
- 2. Duan J, Dahlback B, Villoutreix BO.FEBS Lett. 2001 Jun 15;499(1-2):127-32.
- 3. Xu, N., Nilsson-Ehle, P. & Ahren, B. 2004. J. Nutr. Biochem.

Background:

The protein encoded by this gene is an apolipoprotein and member of the lipocalin protein family. It is found associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. Alternate splicing results in both coding and non-coding variants of this gene. [provided by RefSeq, Jan 2012],

Function:

function:Probably involved in lipid transport.,similarity:Belongs to the calycin superfamily. Lipocalin family. Highly divergent.,subcellular location:Present in high density lipoprotein (HDL) and to a lesser extent in triglyceride-rich lipoproteins (TGRLP) and low density lipoproteins (LDL).,tissue specificity:Plasma protein. Expressed in liver and kidney.,

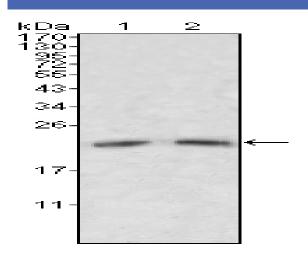
Subcellular Location:

Secreted . Present in high density lipoprotein (HDL) and to a lesser extent in triglyceride-rich lipoproteins (TGRLP) and low density lipoproteins (LDL).

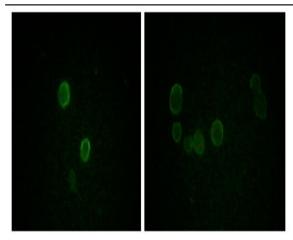
Expression:

Plasma protein. Expressed in liver and kidney.





Western Blot analysis using ApoM Monoclonal Antibody against human serum (1, 2).



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