

ApoM Monoclonal Antibody

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|------------------------------|---|
| 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 : | O95445 |
| Mouse Swiss Prot No : | Q9Z1R3 |
| 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. |
| 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.,

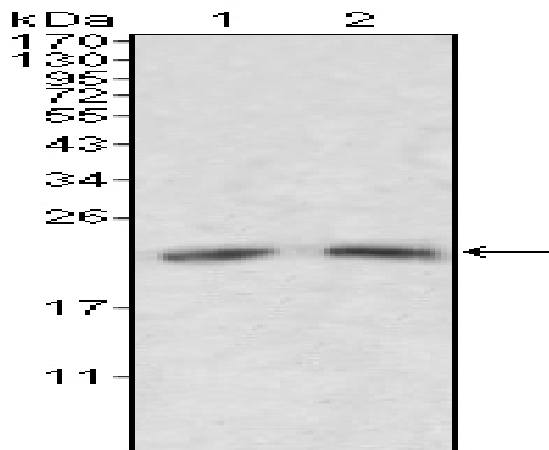
Subcellular Location :

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

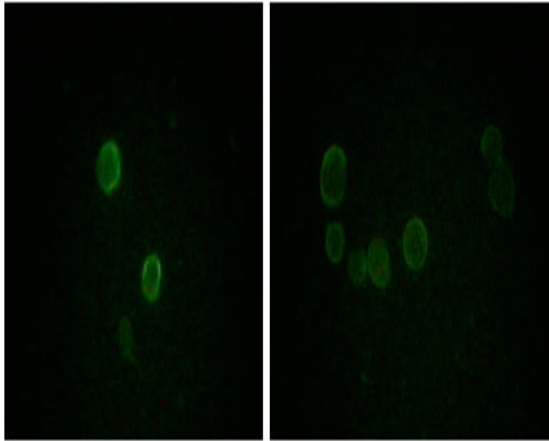
Expression :

Plasma protein. Expressed in liver and kidney.

Products Images



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.