

## **ApoM Monoclonal Antibody**

Catalog No: YM0040

Reactivity: Human

**Applications:** WB;IF;ELISA

Target: ApoM

Gene Name: APOM

**Protein Name:** Apolipoprotein M

Human Gene ld: 55937

**Human Swiss Prot** 

No:

**Mouse Swiss Prot** 

No:

**Immunogen:** Purified recombinant fragment of 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 (44):31286-31290.
- 2. Christian Wolfrum, Matthew N Poy & Markus Stoffel. 2005. Nat Med.

11(4):418-22.

3. Xu, N., Nilsson-Ehle, P. & Ahren, B. 2004. J

**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.

**Sort :** 2167

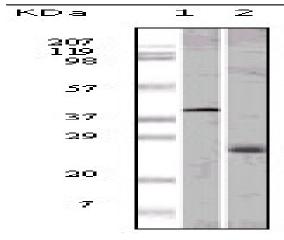
No4:

Host: Mouse

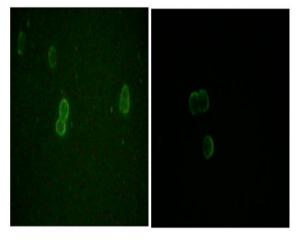
Modifications: Unmodified

## **Products Images**

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Western Blot analysis using ApoM Monoclonal Antibody against GST-ApoM recombinant protein (1) and human serum (2).



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