

**ApoM Monoclonal Antibody**

<b>Catalog No :</b>	YM0040
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB;IF;ELISA
<b>Target :</b>	ApoM
<b>Gene Name :</b>	APOM
<b>Protein Name :</b>	Apolipoprotein M
<b>Human Gene Id :</b>	55937
<b>Human Swiss Prot No :</b>	O95445
<b>Mouse Swiss Prot No :</b>	Q9Z1R3
<b>Immunogen :</b>	Purified recombinant fragment of ApoM expressed in E. Coli.
<b>Specificity :</b>	ApoM Monoclonal Antibody detects endogenous levels of ApoM protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Monoclonal, Mouse
<b>Dilution :</b>	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
<b>Purification :</b>	Affinity purification
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	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 :**

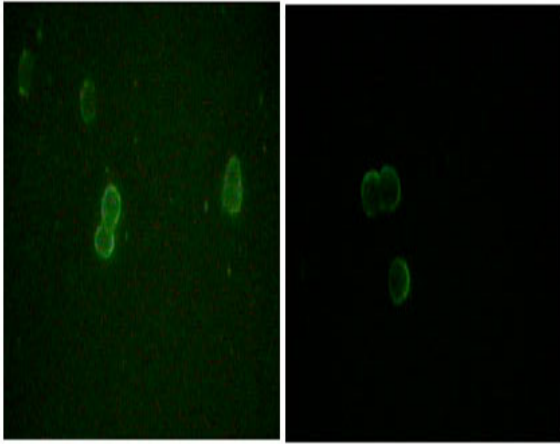
Plasma protein. Expressed in liver and kidney.

## Products Images

KDa  
207  
119  
98  
57  
37  
35  
20  
7



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.