Product Name: ApoO Mouse Monoclonal Antibody
Catalog #: AMM80717
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	22.2kDa

Antigen Information

Gene Name	ApoO
Alternative Names	MYO25; FAM121B; MGC4825
Gene ID	79135.0
SwissProt ID	Q9BUR5
Immunogen	Purified recombinant fragment of ApoO expressed in E. Coli.

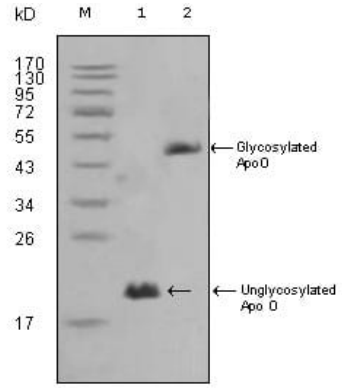
Background

ApoO: apolipoprotein O, also known as MYO25, FAM121B, MGC4825. Entrez Protein NP_077027. It is a chrondroitin-sulfate chain containing member of the apolipoprotein family and is an original glycoprotein up-regulated by diabetes in human Heart. Promotes cholesterol efflux from macrophage cells. Detected in HDL, LDL and VLDL. Secreted by a microsomal

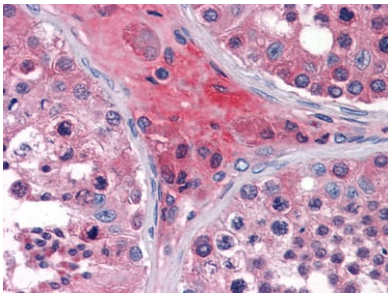
triglyceride transfer protein (MTTP)-dependent mechanism, probably as a VLDL-associated protein that is subsequently transferred to HDL. May be involved in myocardium-protective mechanisms against lipid accumulation.

Research Area

Image Data



Western blot analysis using ApoO mouse mAb against HepG2 (1) and 3T3L1(2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human Testis tissues using ApoO mouse mAb