

Product datasheet for **AM06315SU-N**

Apolipoprotein O (APOO) Mouse Monoclonal Antibody [Clone ID: 2F1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2F1
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000. Immunohistochemistry on Paraffin Sections: 1/200 - 1/1000.
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of ApoO expressed in E. Coli.
Specificity:	Recognizes Apolipoprotein O (ApoO).
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	22.2 kDa
Gene Name:	apolipoprotein O
Database Link:	Entrez Gene 79135 Human Q9BUR5



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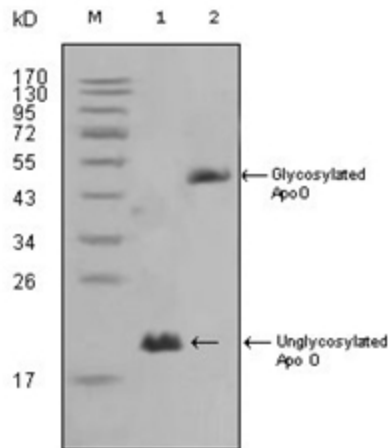
Background:

ApoO: apolipoprotein O, also known as MYO25, FAM121B, MGC4825 is a chondroitin-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.

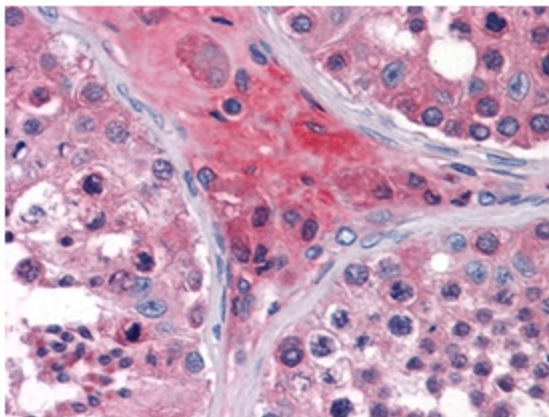
Synonyms:

APOO, FAM121B, My025

Product images:



Western blot analysis using ApoO antibody Cat.-No AM06315SU-N against HepG2 (Lane 1) and 3T3L1 (Lane 2) cell lysate



Immunohistochemical analysis of paraffin-embedded human Testis tissues using ApoO antibody Cat.-No AM06315SU-N