

ApoO Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4651
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of ApoO expressed in E. Coli.
Mol wt	22.2kDa
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	WB,IHC
Concentration	N/A
Full name	N/A
Synonyms	MYO25;FAM121B;MGC4825

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ApoO: apolipoprotein O, also known as MYO25, FAM121B, MGC4825. Entrez Protein NP_077027. It 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.

Recommended Dilution

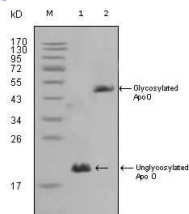
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

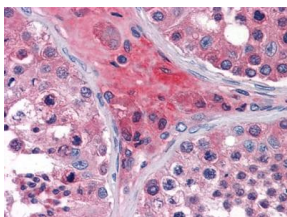
ELISA: 1:10000

Not yet tested in other applications.

Images



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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