

ApoA-IV Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0166
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of ApoA-IV (aa21-396) expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Apolipoprotein A-IV
Synonyms	APOA4; Apolipoprotein A-IV; Apo-AIV; ApoA-IV; Apolipoprotein A4

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

Background

Apolipoprotein (apo) A-IV gene contains 3 exons separated by two introns. A sequence polymorphism has been identified in the 3'UTR of the third exon. The primary translation product is a 396-residue preprotein which after proteolytic processing is secreted its primary site of synthesis, the intestine, in association with chylomicron particles. Although its precise function is not known, apo A-IV is a potent activator of lecithin-cholesterol acyltransferase in vitro.

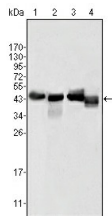
Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using ApoA-IV Monoclonal antibody against human serum (1) human plasma (2) HepG2 cell lysate (3) and SMMC-7721 cell lysate (4).

Storage

-20°C for one year