

## APOA4 Monoclonal Antibody

### Description

Product type	Antibody
Code	BT-MCA2645
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of APOA4 (aa21-396) expressed in E. Coli.
Mol wt	45kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB
Concentration	N/A
Full name	N/A
Synonyms	N/A

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

### Background

APOA4: apolipoprotein A-IV. 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.

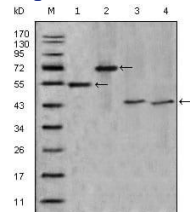
### Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

### Images



Western blot analysis using APOA4 mouse mAb against truncated APOA4-His recombinant protein (1), truncated APOA4(aa21-396)-hIgGFc transfected CHO-K1 cell lysate(2), human serum (3) and human plasma (4).

### Storage

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