

---

**Product Name: APOA4 Mouse Monoclonal Antibody****Catalog #: AMM80708**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG2a
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	45kDa

**Antigen Information**

<b>Gene Name</b>	APOA4
<b>Alternative Names</b>	apolipoprotein A-IV
<b>Gene ID</b>	337.0
<b>SwissProt ID</b>	P06727
<b>Immunogen</b>	Purified recombinant fragment of APOA4 (aa21-396) expressed in E. Coli.

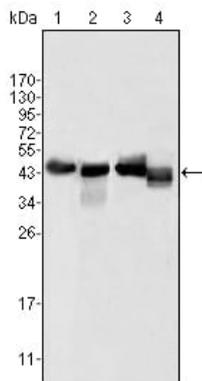
**Background**

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.

## Research Area

## Image Data



Western blot analysis using APOA4 mouse mAb against human serum (1), human plasma (2), HepG2 cell lysate (3) and SMMC-7721 cell lysate (4).