

## Product Datasheet

# APOA4 Mouse mAb

Catalog No: AB3434

Reactivity: Human

Isotype: Mouse IgG2a

Applications: WB



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### Information

**UniProt ID:** P06727

**All Names:** apolipoprotein A-IV

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

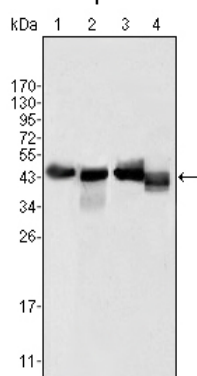
**Molecular Wt.:** 45kDa

### Application

WB: 1/500-1/1000

### Background

Swiss-Prot Acc.P06727.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.



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

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