

APOA4 monoclonal antibody

Catalog: MB21198

Host: Mouse

Reactivity: Human

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.

Product:

Ascitic fluid containing 0.03% sodium azide.

Molecular Weight:

45kDa

Swiss-Prot:

P06727

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG1

DATA:

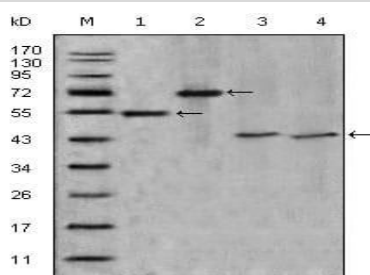


Figure 1: Western blot analysis using APOA4 mouse mAb against truncated APOA4-His recombinant protein (1), truncated APOA4(aa21-396)-hIgGFc transfected CHO-K1 cell lysate (2), human serum (3) and human plasma (4).

Note:

For research use only, not for use in diagnostic procedure.

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