



APOA4 Mouse Monoclonal Antibody

E10-20306

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.

Catalog Number: E10-20306

Amount: 100µg/100µl

Clone Number: 2D1C9

Species: Mouse IgG1

Entrez Gene: 337

Immunogen: Purified recombinant fragment of APOA4 (aa21-396) expressed in E. Coli.

Storage: Store at 4 °C, long term at -20 °C

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB,ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB.1/500 - 1/2000.ELISA. Propose dilution 1/10000.

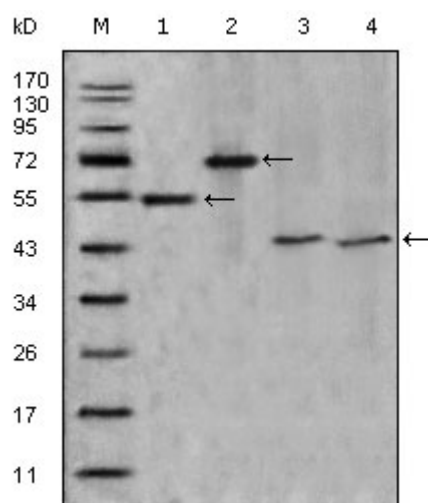


Figure 1. Western blot analysis using APOA4 mouse mAb against truncated APOA4-His recombinant protein (1),truncated APOA4(aa21-396)-hIgGFc transfected CHO-K1 cell lysate(2),human serum (3) and human plasma (4).

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