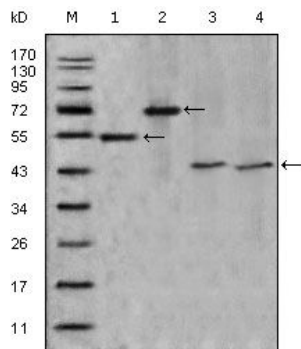




APOA4

Mouse monoclonal Antibody

#54011

Catalog Number: 54011**Amount:** 100µg/100µl**Swiss-Prot No. :** P06727**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human APOA4 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of APOA4 and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 45kd WB: 1:500-2000

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).

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.