



Apoa5(ab) Mouse Monoclonal Antibody

E10-20006

Background: Apolipoprotein A5 (ApoA5) is fast gaining attention as a key regulator of serum triglyceride concentrations. An ApoA5 mouse knock-out model produced an approximately four fold increase in serum triglycerides, whereas a knock-in model with human ApoA5 produced 50–70% lower concentrations of mouse serum triglycerides. In addition, peroxisome proliferator-activated receptor- α agonists, which are used clinically to lower serum triglyceride concentrations, cause increased ApoA5 mRNA expression. Recently, it was demonstrated that ApoA5 is present in human serum detected by polyclonal antibodies against both the NH₂ and COOH termini, although at much lower concentration than other apolipoproteins

Catalog Number: E10-20006

Amount: 100 μ g/100 μ l

Clone Number: 1G5G9 (c), 2G1H11G9B3

Species: Mouse IgG1

Aliases: RAP3; APOAV; APOA-V

Entrez Gene: 116519

Immunogen: Purified recombinant fragment of human APOA5 expressed in E. Coli.

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

Formulation: Purified antibody in PBS 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.

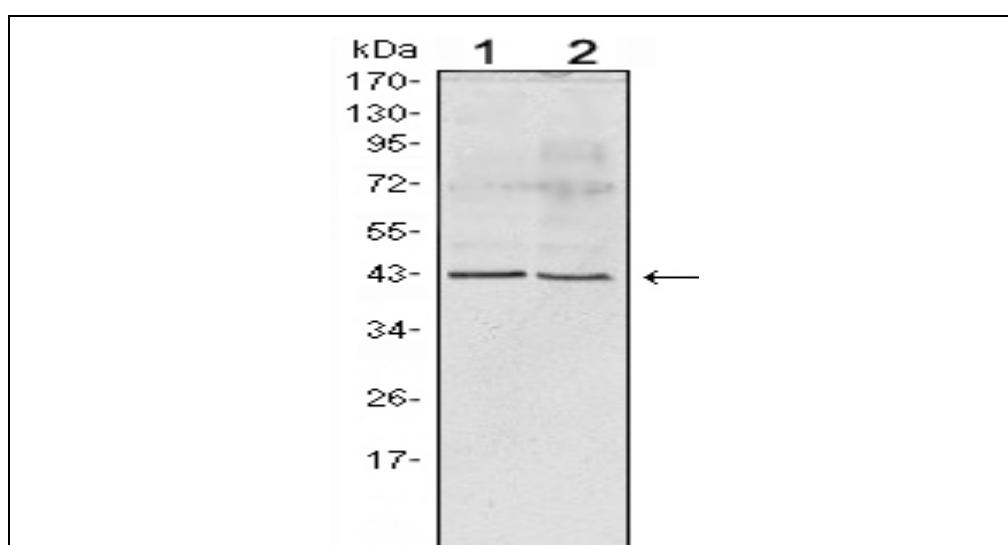


Figure 1. Western blot analysis using Apoa5 mouse mAb against human serum (1) and Apoa5 recombinant protein (2).