



APOA1 Mouse Monoclonal Antibody

E10-20191

Background: APOA1, apolipoprotein A-I, it is the major protein component of high density lipoprotein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretion, and it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. Defects in the Apolipoprotein A I gene are associated with HDL deficiency and Tangier disease. The therapeutic potential of apoA-I has been recently assessed in patients with acute coronary syndromes, using a recombinant form of a naturally occurring variant of apoA-I. The availability of recombinant normal apoA-I should facilitate further investigation into the potential usefulness of apoA-I in preventing atherosclerotic vascular diseases.

Catalog Number: E10-20191

Amount: 100µg/100µl

Clone Number: 5F4F5

Species: Mouse IgG1

MW: 25kDa

Aliases: MGC117399

Entrez Gene: 335

Immunogen: Purified recombinant fragment of human APOA1 expressed in E. Coli.

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

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.

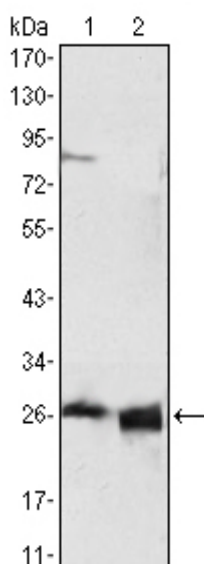


Figure 1. Western blot analysis using APOA1 mouse mAb against HepG2 cell lysate (1) and human serum (2).

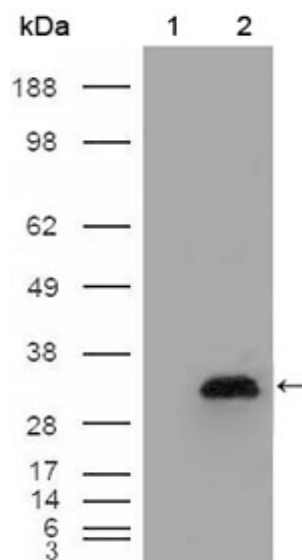


Figure 2. Western blot analysis using APOA1 mouse mAb against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY APOA1 cDNA (2).

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