

Product Datasheet

Apolipoprotein A I (2D6) Mouse mAb

Catalog No: AB3492

Reactivity: Human

Isotype: Mouse IgG1

Applications: WB



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Information

UniProt ID: P02647

All Names: APOA1; Apolipoprotein A-I; Apo-AI; ApoA-I; Apolipoprotein A1

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

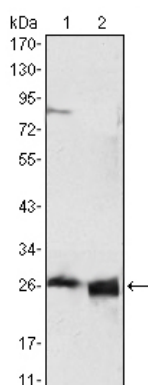
Molecular Wt.: 25kDa

Application

WB: 1/500-1/1000

Background

Swiss-Prot Acc.P02647.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.



Western blot analysis of ApoA1 (2D6) in HepG2 and human serum lysates using ApoA1 (2D6) antibody.

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