

Product datasheet for **AM06220SU-N**

Apolipoprotein A I (APOA1) Mouse Monoclonal Antibody [Clone ID: 5F4F5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5F4F5
Applications:	ELISA, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human APOA1 expressed in E. Coli.
Specificity:	Recognizes Apolipoprotein A-I (APOA1)
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	apolipoprotein A1
Database Link:	Entrez Gene 335 Human P02647



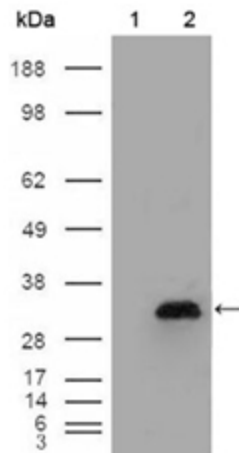
[View online »](#)

Background:

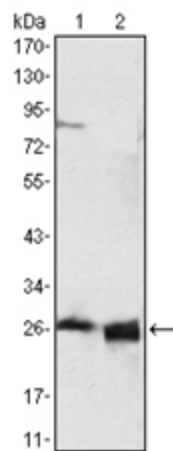
Apolipoprotein A-I, it is the major protein component of high density lipoprotein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretion, and it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the formation of most plasma 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.

Synonyms:

APOA1, ApoA-I, Apo-AI, ApoAI

Product images:


Western blot analysis using APOA1 antibody Cat.-No AM06220SU-N against HEK293T cells transfected with the pCMV6-ENTRY control (Lane 1) and pCMV6-ENTRY APOA1 cDNA (Lane 2).



Western blot analysis using APOA1 antibody Cat.-No AM06220SU-N against HepG2 cell lysate (Lane 1) and human serum (Lane 2).