10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-APOA1 / Apolipoprotein A 1 Antibody (clone 2G4)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS18132

Product Information

Application	WB, IHC-P, E
Primary Accession	P02647
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Names	2G4
Calculated MW	30778
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	335
Alias Symbol	APOA1
Other Names	APOA1, ApoA-I, APOAI, Apolipoprotein A-I, Apolipoprotein A1, Apo-AI
Reconstitution & Storage	Purified
Precautions	Anti-APOA1 / Apolipoprotein A 1 Antibody (clone 2G4) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	APOA1 (HGNC:600)
Function	Participates in the reverse transport of cholesterol from tissues to the liver for excretion by promoting cholesterol efflux from tissues and by acting as a cofactor for the lecithin cholesterol acyltransferase (LCAT). As part of the SPAP complex, activates spermatozoa motility.
Cellular Location	Secreted.
Tissue Location	Major protein of plasma HDL, also found in chylomicrons. Synthesized in the liver and small intestine. The oxidized form at Met-110 and Met-136 is increased in individuals with increased risk for coronary artery disease, such as in carrier of the eNOSa/b genotype and exposure to cigarette smoking. It is also present in increased levels in aortic lesions relative to native ApoA-I and increased levels are seen with increasing severity of disease

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.