

Anti-APOA1 / Apolipoprotein A 1 Antibody

Mouse Anti Human Monoclonal Antibody

Catalog # ALS17317

Product Information

Application	IHC-P
Primary Accession	P02647
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Calculated MW	30778
Concentration (mg/ml)	16.5 mg/ml

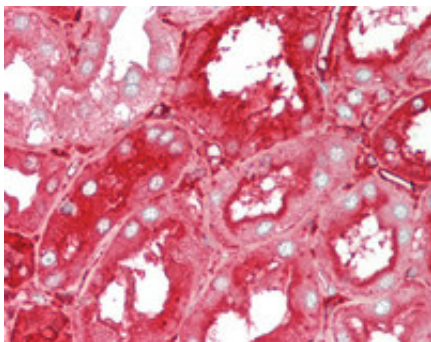
Additional Information

Gene ID	335
Alias Symbol	APOA1
Other Names	APOA1, ApoA-I, APOAI, Apolipoprotein A-I, Apolipoprotein A1, Apo-AI
Target/Specificity	Specific for ApoA1, No cross reaction to Apo AII or Apo B
Reconstitution & Storage	15mM Potassium Phosphate, 0.85% Sodium Chloride, pH 7.5, 0.1% NaN ₃ Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.
Precautions	Anti-APOA1 / Apolipoprotein A 1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

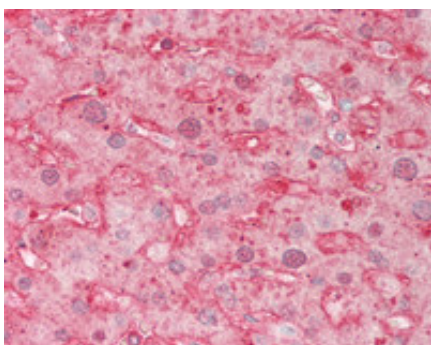
Protein Information

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

Images



Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)

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