

**Anti-APOA1 / Apolipoprotein A 1 Antibody (clone 2G4)**  
**Mouse Anti Human Monoclonal Antibody**  
**Catalog # ALS18132****Specification**

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

Application	WB, IHC-P, E
Primary Accession	<a href="#">P02647</a>
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Calculated MW	30778

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

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

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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