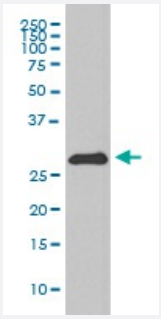
APOA1 monoclonal antibody, clone EFB-1

Catalog # MAB19569 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with APOA1 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human APOA1.
Immunogen	A synthetic peptide corresponding to human APOA1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:5000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of HepG2 cell lysate with APOA1 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation

Gene Info — APOA1

Entrez GeneID	335
Protein Accession#	P02647
Gene Name	APOA1
Gene Alias	MGC117399
Gene Description	apolipoprotein A-I
Omim ID	107680 604091
Gene Ontology	Hyperlink
Gene Summary	This gene encodes apolipoprotein A-I, which is the major protein component of high density lipopr otein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretio n, and it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the for mation of most plasma cholesteryl esters. This gene is closely linked with two other apolipoprotei n genes on chromosome 11. Defects in this gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis. [provided by RefSeq
Other Designations	OTTHUMP00000069346|OTTHUMP00000069347|OTTHUMP00000069348|apolipoprotein A1

Pathway

- PPAR signaling pathway

Disease

- Albuminuria
- Alzheimer disease
- Anemia
- Angina Pectoris
- Aortic Valve Stenosis
- Atherosclerosis
- Brain Ischemia
- Calcinosis
- Cardiovascular Diseases
- Carotid Artery Diseases
- Cerebral Hemorrhage
- Cerebral Infarction
- Cerebrovascular Accident
- Cerebrovascular Disorders
- Chorioamnionitis
- Cleft Lip
- Cleft Palate
- Cognition
- Cognition Disorders
- Coronary Artery Disease
- Coronary Disease

- Coronary Stenosis
- Dementia
- Diabetes Mellitus
- Diabetic Angiopathies
- Diseases in Twins
- Ductus Arteriosus
- Dyslipidemias
- Edema
- Femur Head Necrosis
- Fetal Membranes
- Gallstones
- Genetic Predisposition to Disease
- Gout
- Hepatitis
- Hepatitis C
- HIV Infections
- Hypercholesterolemia
- Hyperlipidemia
- Hyperlipidemias
- Hypertension
- Hypertriglyceridemia
- Hyperuricemia
- Hypolipoproteinemias
- Infant
- Inflammation
- Insulin Resistance

- Intracranial Aneurysm
- Intracranial Arteriosclerosis
- Kidney Failure
- Metabolic Syndrome X
- Multiple Sclerosis
- Myocardial Infarction
- Myocardial Ischemia
- Neuropsychological Tests
- Obesity
- Obstetric Labor
- Postoperative Complications
- Pre-Eclampsia
- Premature Birth
- Recurrence
- Retinal Diseases
- Thrombosis
- Verbal Learning
- Werner syndrome