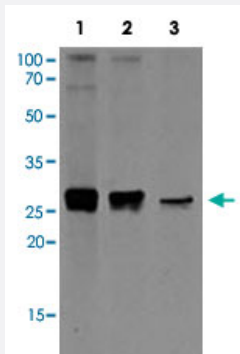


APOA1 monoclonal antibody, clone AT1E12

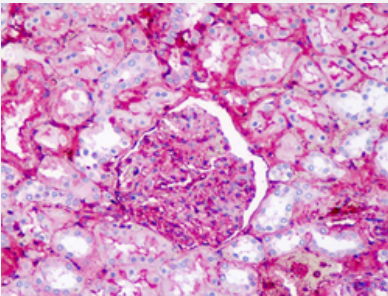
Catalog # MAB12761 Size 50 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with APOA1 monoclonal antibody, clone AT1E12 (Cat # MAB12761) at Lane 1: 1:500 dilution, Lane 2: 1:1000 dilution and Lane 3: 1:5000 dilution followed by HRP-conjugated goat anti-mouse secondary antibody and visualized by ECL detection system.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with APOA1 monoclonal antibody, clone AT1E12 (Cat # MAB12761).

Specification

Product Description

Mouse monoclonal antibody raised against human APOA1.

Immunogen

Recombinant protein corresponding to amino acids 25-267 of human APOA1.

Host

Mouse

Reactivity

Human

Form

Liquid

Purification

Protein G purification

Isotype	IgG1, kappa
Recommend Usage	ELISA Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with APOA1 monoclonal antibody, clone AT1E12 (Cat # MAB12761) at Lane 1: 1:500 dilution, Lane 2: 1:1000 dilution and Lane 3: 1:5000 dilution followed by HRP-conjugated goat anti-mouse secondary antibody and visualized by ECL detection system.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with APOA1 monoclonal antibody, clone AT1E12 (Cat # MAB12761).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — APOA1

Entrez GeneID	335
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 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. This gene is closely linked with two other apolipoprotein 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](#)