

APOA1 monoclonal antibody, clone 1404

Catalog # MAB4014

Size 1 mg

Specification

Product Description	Mouse monoclonal antibody raised against native APOA1.
Immunogen	Native purified APOA1 from human plasma.
Host	Mouse
Reactivity	Human
Specificity	No cross reactivity with APO A-II or Apo B.
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 15 mM potassium phosphate buffer, 150 mM NaCl, pH 7.2 (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

- Radioimmunoassay
- Enzyme Immunoassay

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](#)