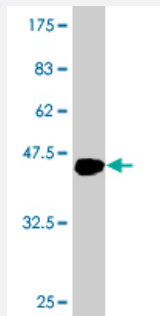


Human Apolipoprotein A-V monoclonal antibody, clone 2C12

Catalog # MAB0040-M01

Size 100 ug

Applications



Western Blot detection against Immunogen (38 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against apolipoprotein A-V.
Immunogen	Recombinant Flag fusion protein corresponding to amino acids 24-366 of human APOA5.
Host	Mouse
Reactivity	Human
Form	Liquid
Conjugation	Flag
Isotype	IgG2a, kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein Western Blot detection against Immunogen (38 KDa) .
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- ELISA

Gene Info — APOA5

Entrez GeneID [116519](#)

Protein Accession# [NP_443200](#)

Gene Name APOA5

Gene Alias APOA-V, APOAV, MGC126836, MGC126838, RAP3

Gene Description apolipoprotein A-V

Omim ID [144650](#) [145750](#) [606368](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is an apolipoprotein and an important determinant of plasma triacylglyceride levels, a major risk factor for coronary artery disease. It is a component of high density lipoprotein and is highly similar to a rat protein that is upregulated in response to liver injury. This gene uses alternate polyadenylation sites and is located proximal to the apolipoprotein gene cluster on chromosome 11q23. [provided by RefSeq]

Other Designations apolipoprotein A-V precursor variant 1|apolipoprotein A-V precursor variant 2|apolipoprotein A5|apolipoprotein AV|regeneration-associated protein 3

Pathway

- [PPAR signaling pathway](#)

Disease

- [Acute Disease](#)

- [Alzheimer disease](#)
- [Aortic Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [DNA Damage](#)
- [Ductus Arteriosus](#)
- [Dyslipidemias](#)
- [Edema](#)

- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type I](#)
- [Hyperlipoproteinemia Type II](#)
- [Hyperlipoproteinemia Type III](#)
- [Hyperlipoproteinemias](#)
- [Hypertriglyceridemia](#)
- [Hypolipoproteinemias](#)
- [Infant](#)
- [Insulin Resistance](#)
- [Intracranial Arteriosclerosis](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Overweight](#)
- [Pancreatitis](#)
- [Pregnancy Complications](#)

- [Renal Insufficiency](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Weight Loss](#)
- [Werner syndrome](#)