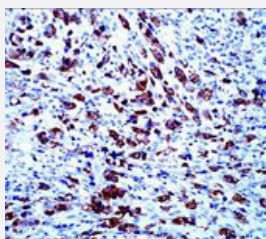


APOA5 monoclonal antibody, clone 1G5G9

Catalog # MAB2376 Size 100 uL

Applications



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

Immunohistochemical staining of APOA5 on paraffin-embedded human anaplastic lymphoma with APOA5 monoclonal antibody, clone 1G5G9 (Cat # MAB2376).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant APOA5.
Immunogen	Recombinant protein corresponding to full length human APOA5.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1, kappa
Recommend Usage	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 -20°C or -80°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
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of APOA5 on paraffin-embedded human anaplastic lymphoma with APOA5 monoclonal antibody, clone 1G5G9 (Cat # MAB2376).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — APOA5

Entrez GeneID [116519](#)

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

Publication Reference

- [The novel apolipoprotein A5 is present in human serum, is associated with VLDL, HDL, and chylomicrons, and circulates at very low concentrations compared with other apolipoproteins.](#)

O'Brien PJ, Alborn WE, Sloan JH, Ulmer M, Boodhoo A, Knierman MD, Schultze AE, Konrad RJ.

Clinical Chemistry 2005 Feb; 51(2):351.

Application: ELISA, IP, WB, Human, Human serum, Recombinant protein

- [The human apolipoprotein AV gene is regulated by peroxisome proliferator-activated receptor-alpha and contains a novel farnesoid X-activated receptor response element.](#)

Prieur X, Coste H, Rodriguez JC.

The Journal of Biological Chemistry 2003 Jul; 278(28):25468.

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](#)