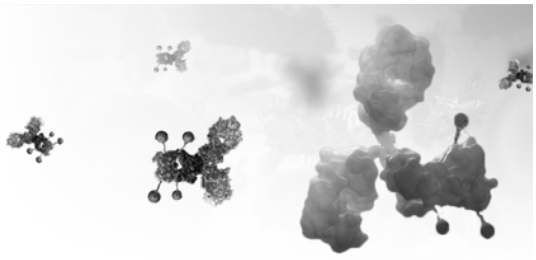

Mouse anti-Human APOA5 monoclonal antibody, clone 3D23 (CABT-B9771)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant Flag fusion protein corresponding to amino acids 24-366 of human APOA5.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3D23
Conjugate	Unconjugated
Applications	WB,IHC,ELISA
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene is an apolipoprotein that plays an important role in regulating the plasma triglyceride 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. Mutations in this gene have been associated with hypertriglyceridemia and hyperlipoproteinemia type 5. This gene is located proximal to the apolipoprotein gene cluster on

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	chromosome 11q23. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Oct 2009]
Keywords	APOA5; apolipoprotein A-V; RAP3; APOAV; apo-AV; apolipoprotein A5; regeneration-associated protein 3;

GENE INFORMATION

Entrez Gene ID	116519
UniProt ID	Q6Q788
Pathway	Chylomicron-mediated lipid transport, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem
Function	enzyme activator activity; enzyme binding; heparin binding; contributes_to heparin binding; lipase activator activity; lipid binding; lipoprotein lipase activator activity; lipoprotein particle receptor binding; low-density lipoprotein particle receptor binding; phosphatidylcholine binding; phospholipid binding; protein binding

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