



Mouse anti-Human APOC1 monoclonal antibody, clone 3F32B4 (CABT-B9773)

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

PRODUCT INFORMATION

Immunogen	APOC1 (AAH09698, 1 a.a. ~ 84 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3F32B4
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MRLFLSLPVVVVLSIVLEGPAPAAQGTPDVSSALDKLKEFGNTLEDKARELISRIKQSEL SAKMREWFSETFQKVKEKLKIDS*
Format	Liquid
Size	100 µg
Buffer	In 1x 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 a member of the apolipoprotein C1 family. This gene is expressed primarily in the liver, and it is activated when monocytes differentiate into
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macrophages. A pseudogene of this gene is located 4 kb downstream in the same orientation, on the same chromosome. This gene is mapped to chromosome 19, where it resides within a apolipoprotein gene cluster. Alternatively spliced transcript variants have been found for this gene, but the biological validity of some variants has not been determined. [provided by RefSeq, Jul 2008]

Keywords	APOC1; apolipoprotein C-I; Apo-CI; ApoC-I; apo-CIB; apoC-IB; apolipoprotein C1; apolipoprotein C-I variant I;
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GENE INFORMATION

Entrez Gene ID	341
UniProt ID	P02654
Pathway	Statin Pathway, organism-specific biosystem
Function	fatty acid binding; lipase inhibitor activity; phosphatidylcholine binding; phosphatidylcholine-sterol O-acyltransferase activator activity; phospholipase inhibitor activity
