

Datasheet

APOB monoclonal antibody, clone 057-10034

Catalog Number: MAB4072

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against APOB.

Clone Name: 057-10034

Immunogen: Human APOB.

Host: Mouse

Reactivity: Human

Applications: RIA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Isotype: IgG2b, kappa

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: In 10 mM phosphate buffer, 150 mM NaCl, pH 7.4 (0.1% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -80°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 338

Gene Symbol: APOB

Gene Alias: FLDB

Gene Summary: This gene product is the main apolipoprotein of chylomicrons and low density lipoproteins. It occurs in plasma as two main isoforms, apoB-48 and apoB-100: the former is synthesized

exclusively in the gut and the latter in the liver. The intestinal and the hepatic forms of apoB are encoded by a single gene from a single, very long mRNA. The two isoforms share a common N-terminal sequence. The shorter apoB-48 protein is produced after RNA editing of the apoB-100 transcript at residue 2180 (CAA->UAA), resulting in the creation of a stop codon, and early translation termination. Mutations in this gene or its regulatory region cause hypobetalipoproteinemia, normotriglyceridemic hypobetalipoproteinemia, and hypercholesterolemia due to ligand-defective apoB, diseases affecting plasma cholesterol and apoB levels. [provided by RefSeq]