

Recombinant

DGRmAb®

## Apolipoprotein B (DGR18910) Rabbit mAb

db14604

Package : 10μL 20μL 50μL 100μL

**Product Name** : Apolipoprotein B (DGR18910) Rabbit mAb**Cat.No.:** db14604**Synonyms** : FLDB; LDLCQ4; apoB-48; apoB-100**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

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, Jul 2008]

**Immunogen**

A synthetic peptide of human Apolipoprotein B

**Gene ID**

338

**Swiss Prot**

P04114

**Synonyms**

FLDB; LDLCQ4; apoB-48; apoB-100

**Reactivity**

Human

**Application**

WB

**Recommended dilution**

WB: 1:2000-1:20000

**Calculated MW**

516 kDa

**Observed MW**

516 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR18910

<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.