

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

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	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.

Human plasma Western blot analysis of extracts from Human plasma tissue using db14604 at 1:1000.

