







## 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



## For Research Use Only **Product Datasheet**

**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

kDa ← ←

150 -

100 -

75 -

50 -

37 -

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