

Recombinant

DGRmAb®

Apolipoprotein B (DGR18910) Rabbit mAb (PBS Only)

db14604-PBS

Package : 100µg

Product Name : Apolipoprotein B (DGR18910) Rabbit mAb (PBS Only)**Cat.No.:** db14604-PBS**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

Calculated MW

516 kDa

Observed MW

516 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

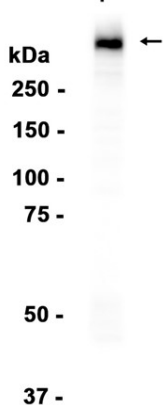
DGR18910

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.

Human plasma



Western blot analysis of extracts from Human plasma tissue using [db14604](#) at 1:1000.