Recombinant DGRmAb®

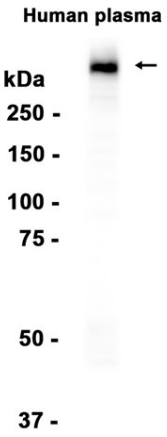
Apolipoprotein B (DGR18910) Rabbit mAb (PBS Only)

db14604-PBS **Package : 10μg 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.



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