Recombinant DGRmAb®

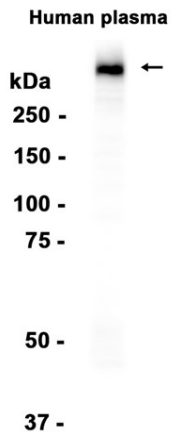
Apolipoprotein B (DGR18910) Rabbit mAb

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.



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