



Recombinant

DGRmAb[®]

Apolipoprotein E (DGR11112) Rabbit mAb

db16076 Package : 10μL 20μL 50μL 100μL

Product Name: Apolipoprotein E (DGR11112) Rabbit mAb

Cat.No.: db16076

Synonyms: AD2; LPG; APO-E; ApoE4; LDLCQ5

Application: WB, IHC-P, ICC/IF, FC, IP

Reactivity : Human

Host species : Rabbit

Background The protein encoded by this gene is a major apoprotein of the chylomicron. It binds to a specific

liver and peripheral cell receptor, and is essential for the normal catabolism of triglyceride-rich

lipoprotein constituents. This gene maps to chromosome 19 in a cluster with the related

apolipoprotein C1 and C2 genes. Mutations in this gene result in familial dysbetalipoproteinemia, or type III hyperlipoproteinemia (HLP III), in which increased plasma cholesterol and triglycerides are the consequence of impaired clearance of chylomicron and VLDL remnants. [provided by

RefSeq, Jun 2016]

Immunogen A synthetic peptide of human Apolipoprotein E

Gene ID 348

Swiss Prot P02649

Synonyms AD2; LPG; APO-E; ApoE4; LDLCQ5

Reactivity Human

Application WB, IHC-P, ICC/IF, FC, IP

Recommended dilution WB: 1:1000

IHC-P: 1:100-1:200

ICC/IF: 1:50 FC: 1:20

IP: 1:20-1:50

Calculated MW 36 kDa

Observed MW 36 kDa

Host species Rabbit

Clonality Monoclonal





Clonality No. DGR11112

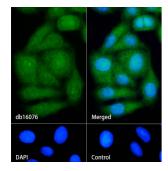
Isotype IgG

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.



Immunofluorescence analysis of HepG2 cells labelling Apolipoprotein E with db16076.

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db16076 (1:50) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.