Recombinant DGRmAb®

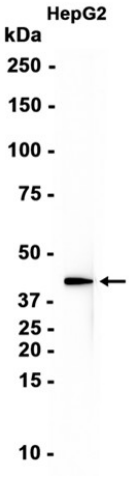
Apolipoprotein L1 (DGR11660) Rabbit mAb (PBS Only)

db12574-PBS **Package : 10μg 100μg**

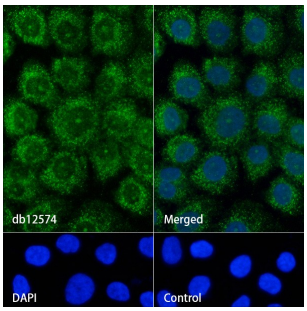
Product Name : Apolipoprotein L1 (DGR11660) Rabbit mAb (PBS Only)
Cat.No.: db12574-PBS
Synonyms : APOL; APO-L; FSGS4; APOL-I
Application : WB, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

Background	This gene encodes a secreted high density lipoprotein which binds to apolipoprotein A-I. Apolipoprotein A-I is a relatively abundant plasma protein and is the major apoprotein of HDL. It is involved in the formation of most cholesteryl esters in plasma and also promotes efflux of cholesterol from cells. This apolipoprotein L family member may play a role in lipid exchange and transport throughout the body, as well as in reverse cholesterol transport from peripheral cells to the liver. Several different transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008]
Immunogen	A synthetic peptide of human Apolipoprotein L1
Gene ID	8542
Swiss Prot	O14791
Synonyms	APOL; APO-L; FSGS4; APOL-I
Reactivity	Human
Application	WB, ICC/IF, FC, IP
Calculated MW	44 kDa
Observed MW	44 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11660
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 HepG2 cells using db12574 at 1:1000.



Immunofluorescence analysis of BxPC-3 cells labelling Apolipoprotein L1 with db12574.

The cells were fixed with cold 100% methanol (10min, 4℃) 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 db12574 (1:50) at room temprature 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.