Recombinant DGRmAb®

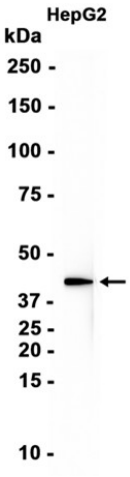
# Apolipoprotein L1 (DGR11660) Rabbit mAb

**db12574** **Package : 10μL 20μL 50μL 100μL**

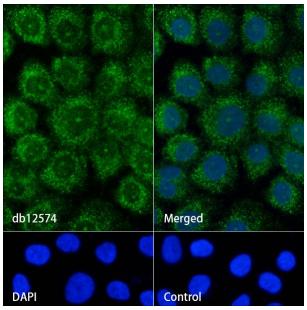
**Product Name :** Apolipoprotein L1 (DGR11660) Rabbit mAb
**Cat.No.:** db12574
**Synonyms :** APOL; APO-L; FSGS4; APOL-I
**Application :** WB, ICC/IF, FC, IP
**Reactivity :** Human
**Host species :** Rabbit

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|---|---|
| **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 |
| **Recommended dilution** | WB: 1:1000-1:5000<br>ICC/IF: 1:50<br>FC: 1:10-1:100<br>IP: 1:10-1:100 |
| **Calculated MW** | 44 kDa |
| **Observed MW** | 44 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR11660 |

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|---|---|
| **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 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.