

Recombinant

DGRmAb®

HMGCR (DGR16997) Rabbit mAb (PBS Only)

db11989-PBS

Package : 10µg 100µg

Product Name : HMGCR (DGR16997) Rabbit mAb (PBS Only)**Cat.No.:** db11989-PBS**Synonyms** : LDLCQ3**Application** : WB, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

HMG-CoA reductase is the rate-limiting enzyme for cholesterol synthesis and is regulated via a negative feedback mechanism mediated by sterols and non-sterol metabolites derived from mevalonate, the product of the reaction catalyzed by reductase. Normally in mammalian cells this enzyme is suppressed by cholesterol derived from the internalization and degradation of low density lipoprotein (LDL) via the LDL receptor. Competitive inhibitors of the reductase induce the expression of LDL receptors in the liver, which in turn increases the catabolism of plasma LDL and lowers the plasma concentration of cholesterol, an important determinant of atherosclerosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]

Immunogen

A synthetic peptide of human HMGCR

Gene ID

3156

Swiss Prot

P04035

Synonyms

LDLCQ3

Reactivity

Human,Mouse,Rat

Application

WB, IP

Calculated MW

98 kDa

Observed MW

98 kDa

Host species

Rabbit

Clonality

Monoclonal

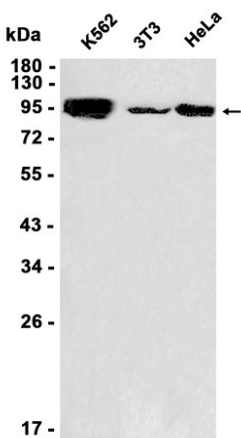
Clonality No.

DGR16997

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 K562, 3T3, HeLa cells using db11989 at 1:1000.