

Recombinant

DGRmAb®

HMGCR (DGR16997) Rabbit mAb

db11989

Package : 10µL 20µL 50µL 100µL

Product Name : HMGCR (DGR16997) Rabbit mAb**Cat.No.:** db11989**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

Recommended dilution

WB: 1:1000-1:5000

IP: 1:10-1:100

Calculated MW

98 kDa

Observed MW

98 kDa

Host species

Rabbit

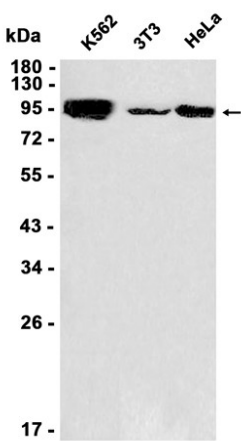
Clonality

Monoclonal

Clonality No.

DGR16997

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