

HMGCR Rabbit mAb

Catalog No: #49355

Package Size: #49355-1 50ul #49355-2 100ul



SAB[®]
Signalway Antibody

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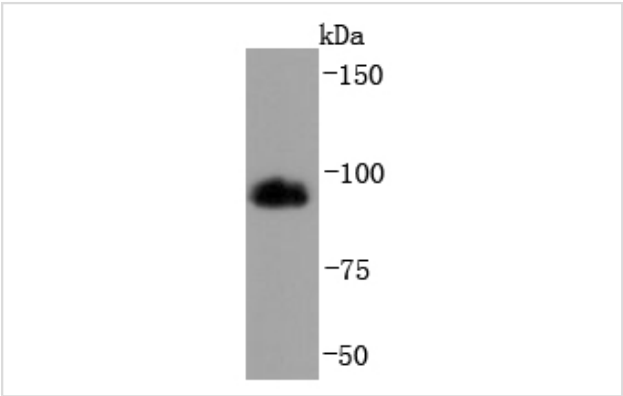
Description

Product Name	HMGCR Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JF0981
Purification	ProA affinity purified
Applications	WB, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	3 hydroxy 3 methylglutaryl CoA reductase antibody 3 hydroxy 3 methylglutaryl Coenzyme A reductase antibody 3 hydroxymethylglutaryl CoA reductase antibody 3-hydroxy-3-methylglutaryl CoA reductase (NADPH) antibody 3-hydroxy-3-methylglutaryl-coenzyme A reductase antibody 3H3M antibody HMDH_HUMAN antibody HMG CoA reductase antibody HMG CoAR antibody HMG-CoA reductase antibody Hmgcr antibody Hydroxymethylglutaryl CoA reductase antibody LDLCQ3 antibody MGC103269 antibody Red antibody
Accession No.	Swiss-Prot#:P04035
Calculated MW	97 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000-1:2,000

Images



Western blot analysis of HMGCR on Hela cells lysates using anti-HMGCR antibody at 1/1,000 dilution.

Background

The human enzyme hydroxy-3-methylglutaryl coenzyme A reductase (HMGCR) limits the rate of cholesterol synthesis, a necessary process for cellular growth, in liver tissue. Phosphorylation of HMGCR inactivates the enzyme, which occurs via a negative feedback mechanism mediated by sterols and non-sterol metabolites derived from the product of the reductase reaction. Inhibitors of HMGCR (statins) exert anti-inflammatory effects and decrease the frequency of cardiovascular events by lowering plasma cholesterol. Additionally, intermediate products along the pathway catalyzed by HMGCR, which modulate signal transducing proteins such as Ras, provide possible ties between HMGCR regulation and new chemotherapeutic methods.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.