

Catalog #: 3288

Aliases

HMGCR; 3-Hydroxy-3-Methylglutaryl-CoA Reductase; 3-Hydroxy-3-Methylglutaryl-Coenzyme A Reductase; 3-Hydroxy-3-Methylglutaryl CoA Reductase (NADPH); Hydroxymethylglutaryl-CoA Reductase; HMG-CoA Reductase; EC 1.1.1.34; EC 1.1.1; LGMDR28; LDLCQ3; MYPLG

Background

Gene Name: HMGCR

NCBI Gene Entry: [3156](#)

UniProt Entry: [P04035](#)

Application Information

Molecular Weight: Predicted, 97 kDa; observed, 97 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB4895

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM)

Immunogen

A synthesized peptide derived from human HMGCR

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Note: This product is for research use only.

Validation Data

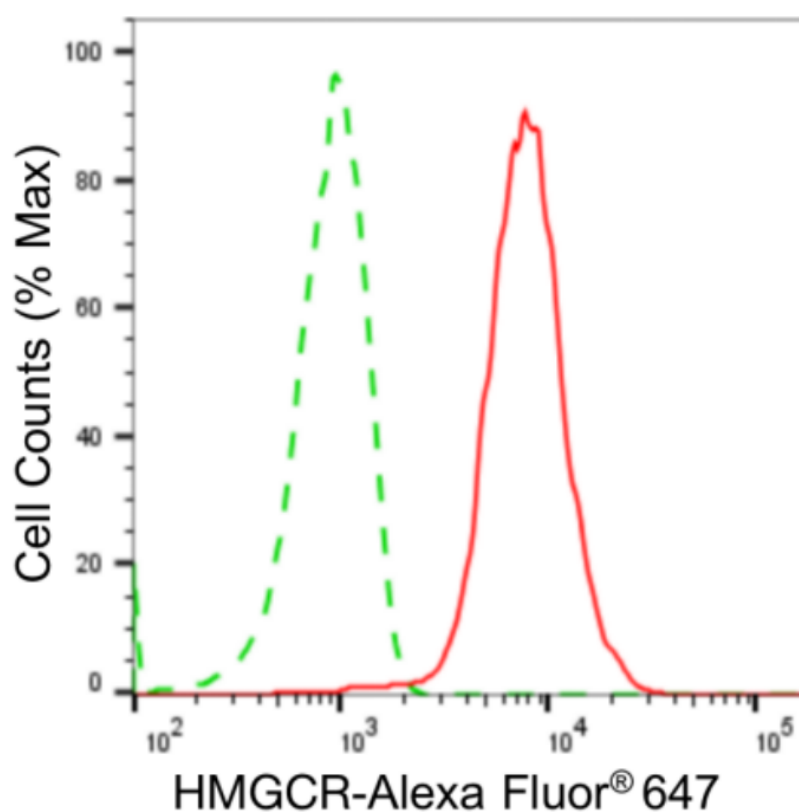
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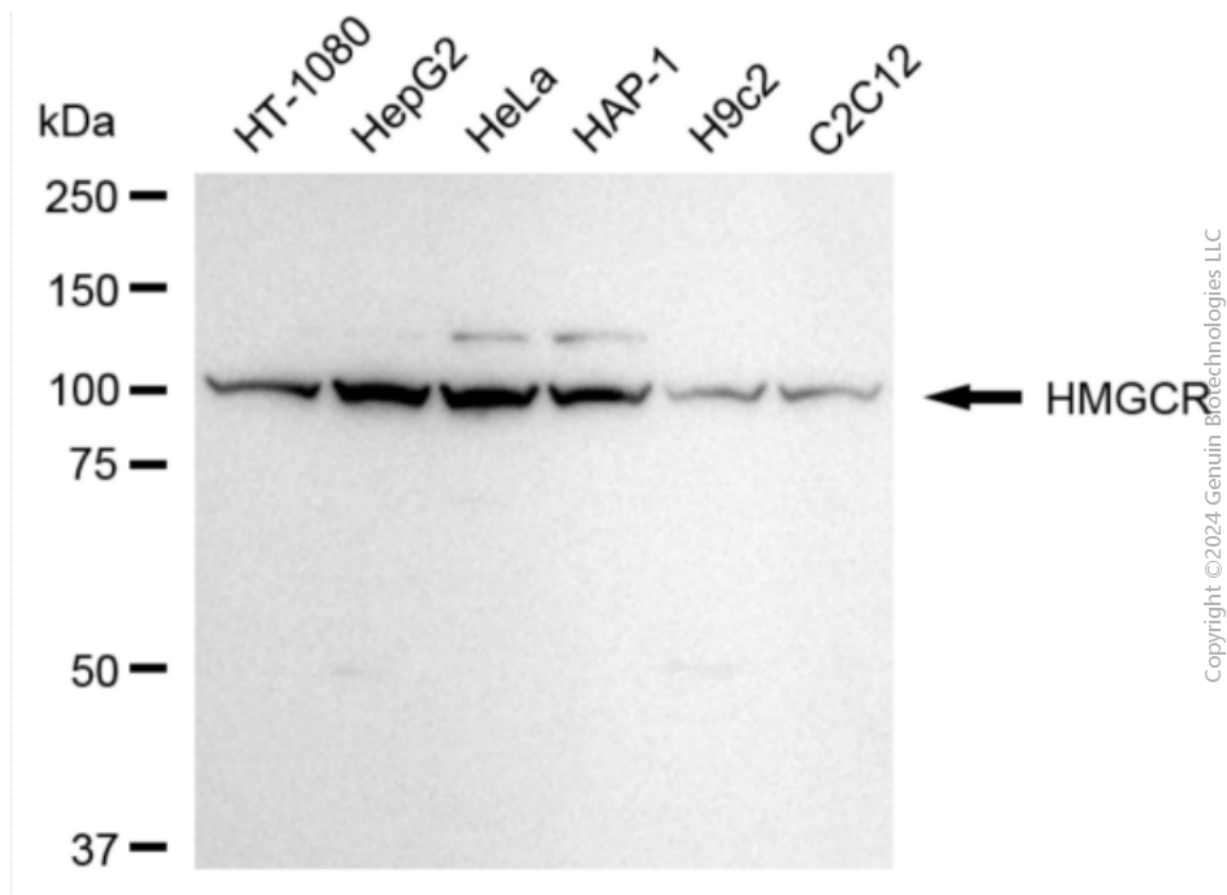
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Flow cytometric analysis of HMGCR expression in HepG2 cells using anti-HMGCR antibody (Cat#3288, 1:2,000). Green, isotype control; red,HMGCR.



Western blotting analysis using anti-HMGCR antibody (Cat#3288). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-HMGCR antibody (Cat#3288, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716). HMGCR, 3-hydroxy-3-methylglutaryl-CoA reductase.