Anti-PCSK9 mouse monoclonal antibody

Catalog #: 3651

Aliases

PCSK9; Proprotein Convertase Subtilisin/Kexin Type 9; NARC-1; FH3; Subtilisin/Kexin-Like Protease PC9; HCHOLA3; NARC1; PC9; Convertase Subtilisin/Kexin Type 9 Preproprotein; Hypercholesterolemia, Autosomal Dominant 3; Neural Apoptosis Regulated Convertase 1; Neural Apoptosis-Regulated Convertase 1; Proprotein Convertase 9; EC 3.4.21.111; EC 3.4.21.-; EC 3.4.21; LDLCQ1; FHCL3

Background

Gene Name: PCSK9
NCBI Gene Entry: 255738
UniProt Entry: Q8NBP7

Application Information

Molecular Weight: Predicted, 74 kDa; observed, 62,74 kDa
Clonality: Mouse monoclonal antibody
Clone ID: 24GB6740
Species Reactivity: Human
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

Recombinant protein of human PCSK9

Isotype

Mouse IgG1

Storage Buffer

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

Storage

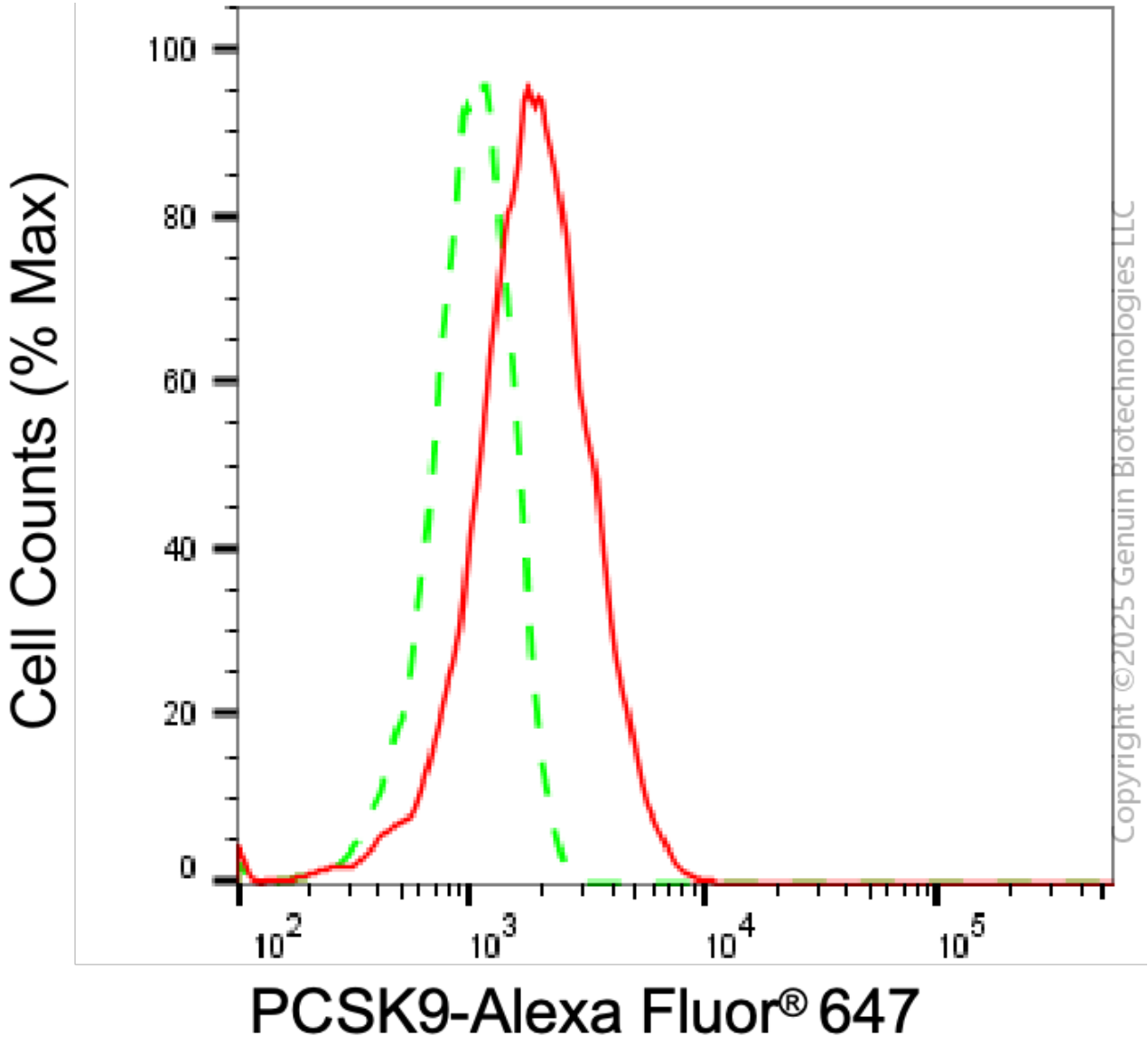
Store at -20 °C for one year.

Recommended Dilutions

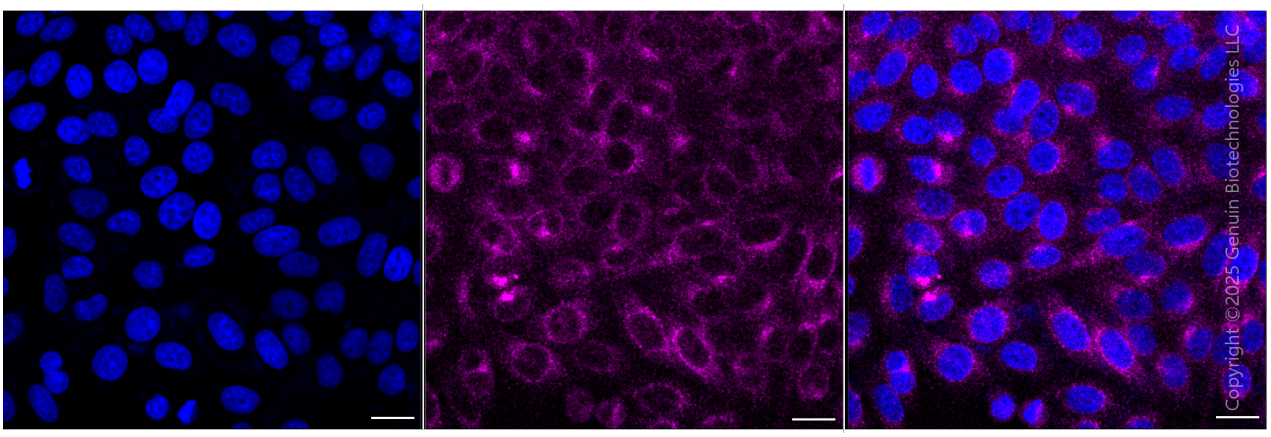
Western Blotting (WB): 1:500-1:1,000
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

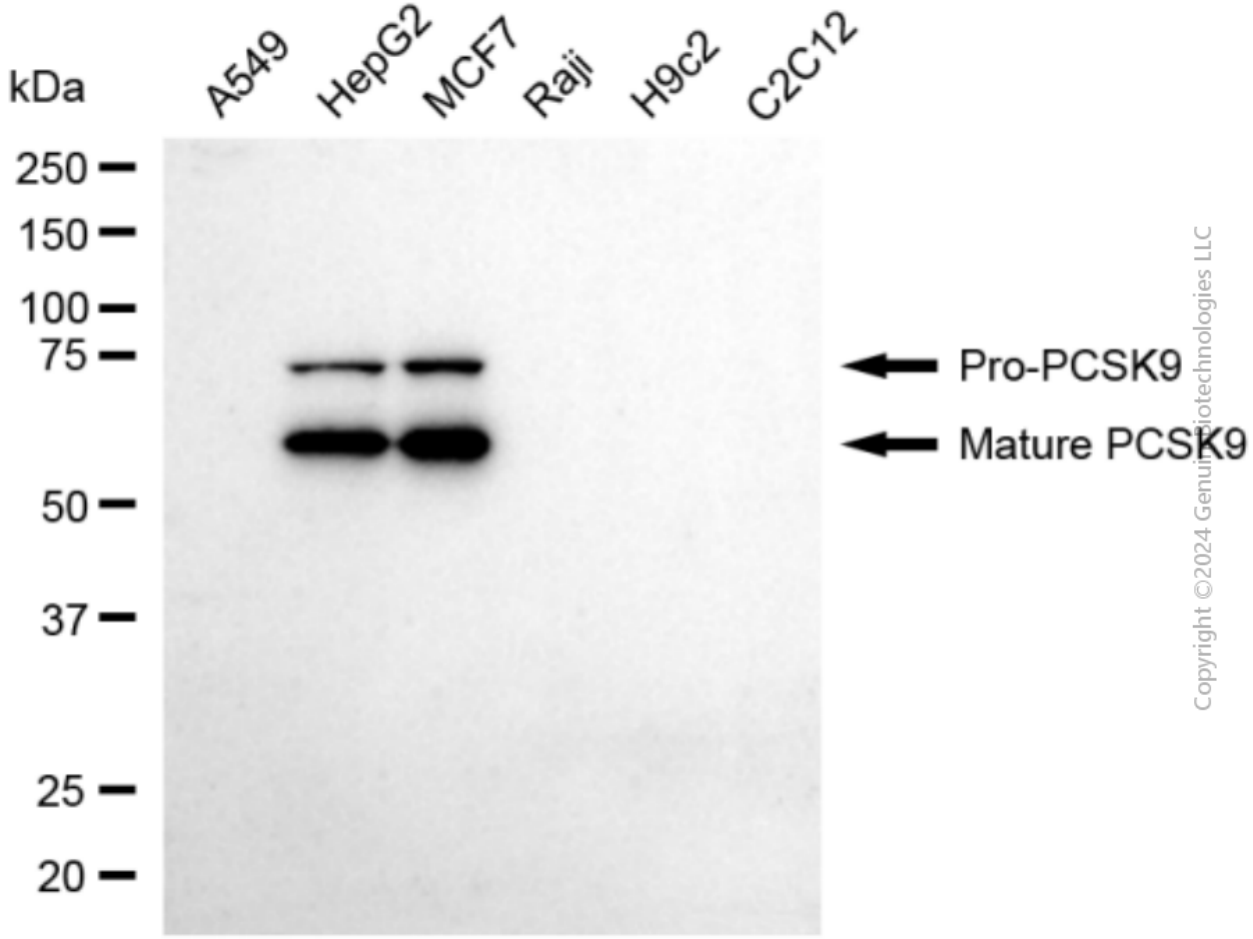
Validation Data



Flow cytometric analysis of PCSK9 expression in HepG2 cells using anti-PCSK9 antibody (Cat#3651, 1:2,000). Green, isotype control; red, PCSK9.



Immunocytochemical staining of HepG2 cells with anti-PCSK9 antibody (Cat#3651, 1:1,000) . Nuclei were stained blue with DAPI; PCSK9 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Western blotting analysis using anti-PCSK9 antibody (Cat#3651). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PCSK9 antibody (Cat#3651, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody

(Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).