

# KO-Validated Anti-PCSK9 Mouse Monoclonal Antibody



**Catalog #: 71255**

## 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: 25GB3815

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): 1:200-1:1,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

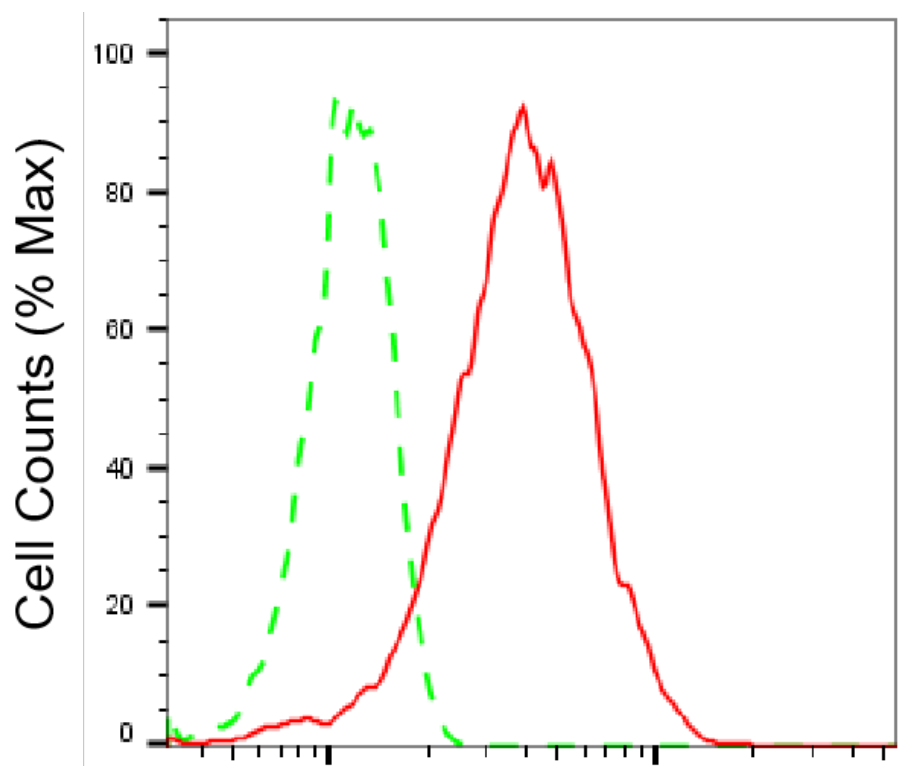
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## KO-Validated Anti-PCSK9 Mouse Monoclonal Antibody

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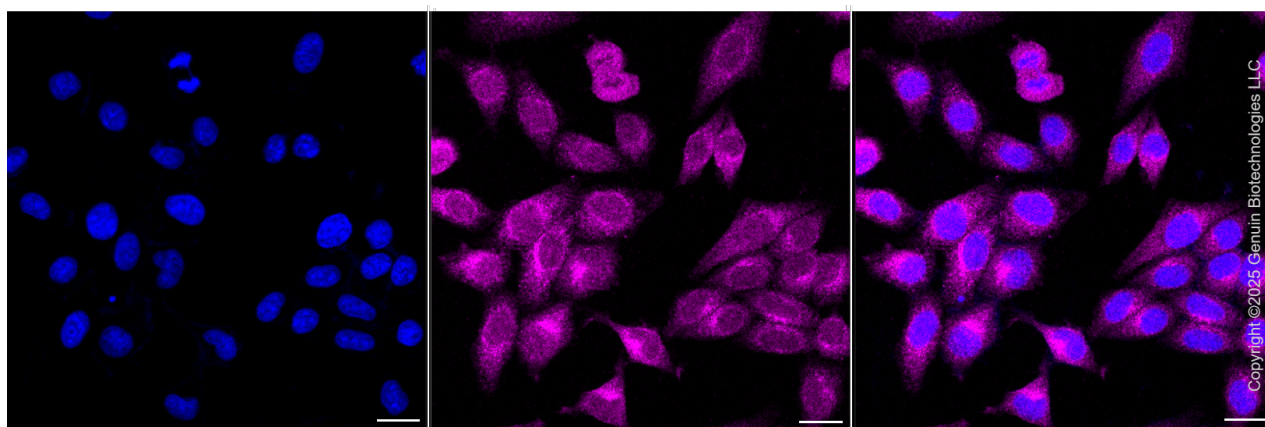
**Note:** This product is for research use only.

### Validation Data



PCSK9-Alexa Fluor® 647

Flow cytometric analysis of PCSK9 expression in HepG2 cells using anti-PCSK9 antibody (Cat#71255, 1:2,000). Green, isotype control; red, PCSK9.



Immunocytochemical staining of HepG2 cells with anti-PCSK9 antibody (Cat#71255, 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:

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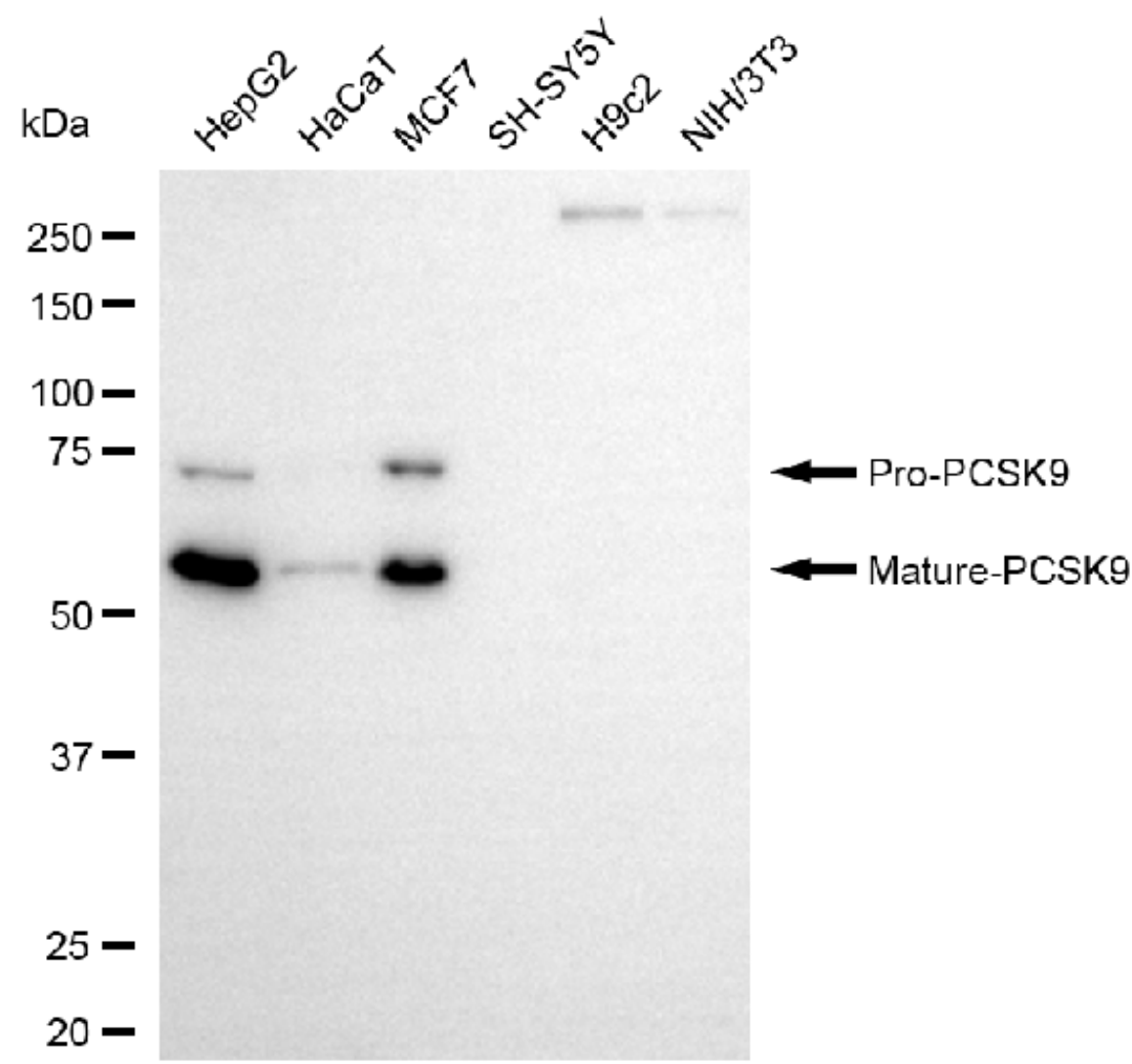
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Medium. Scale bar, 20  $\mu$ m.



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Western blotting analysis using anti-PCSK9 antibody (Cat#71255). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PCSK9 antibody (Cat#71255, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

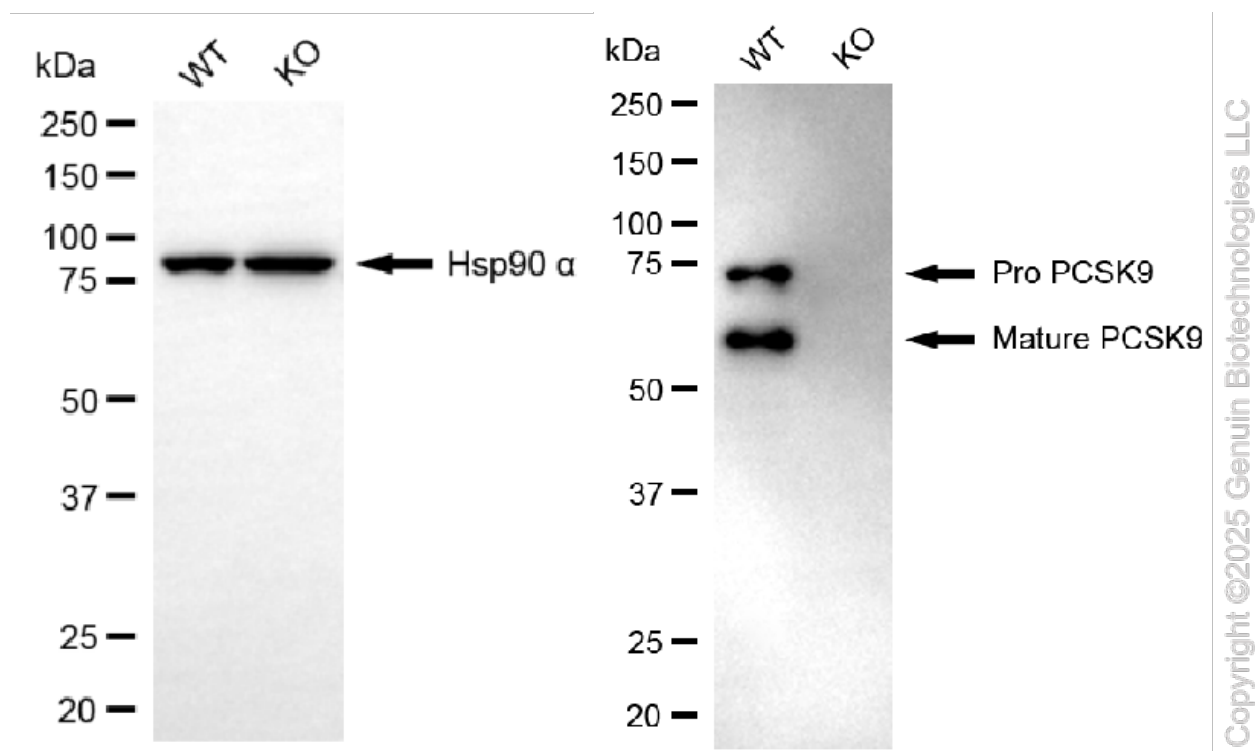
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Western blotting analysis using anti-PCSK9 antibody (Cat#71255). PCSK9 expression in wild-type (WT) and PCSK9 knockout (KO) HeLa cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-PCSK9 antibody (Cat#71255, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).