

KD-Validated Anti-Phospho-GSK3 beta (Ser9) Recombinant Rabbit Monoclonal Antibody



Catalog #: 68743

Aliases

GSK3B; Glycogen Synthase Kinase 3 Beta; Serine/Threonine-Protein Kinase GSK3B; Glycogen Synthase Kinase-3 Beta; EC 2.7.11.26; GSK-3 Beta; EC 2.7.11.1; EC 2.7.11

Background

Gene Name: GSK3B

NCBI Gene Entry: [2932](#)

UniProt Entry: [P49841](#)

Application Information

Molecular Weight: Predicted, 47 kDa, observed, 46 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB1175

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human Phospho-GSK3 beta (Ser9)

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): 1:1,000-1:10,000

Flow Cytometry (FCM): 1:2,000

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

Note: This product is for research use only.

Validation Data

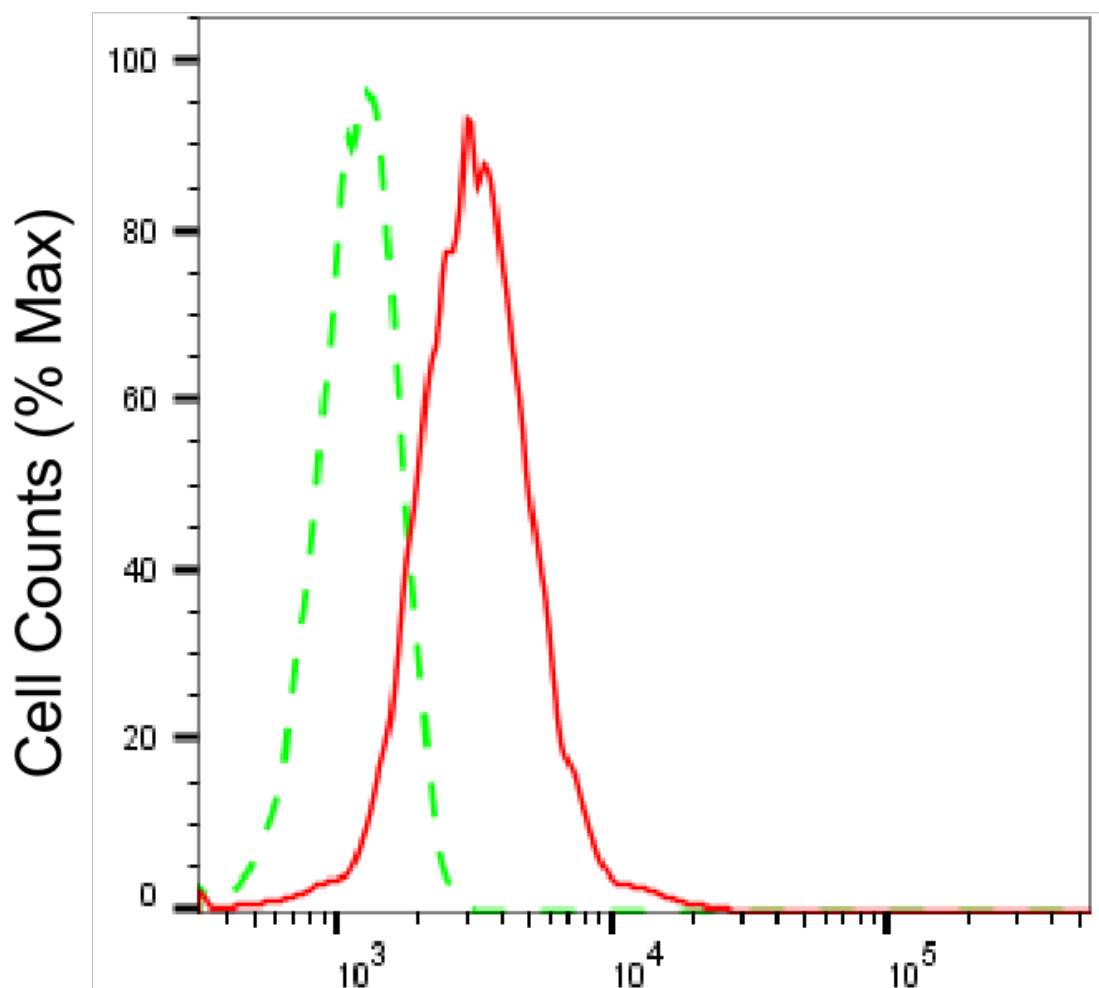
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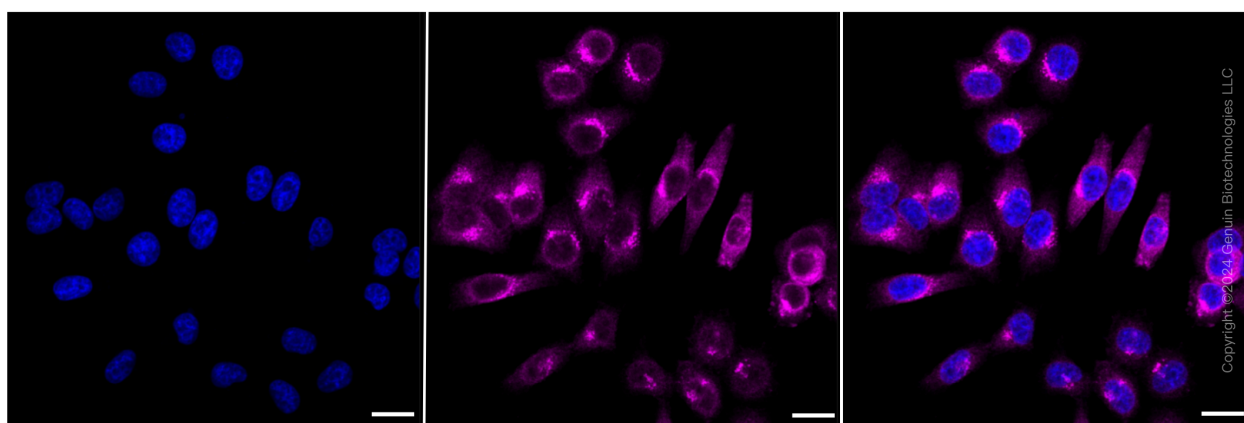
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Phospho-GSK3 beta (Ser9)-Alexa Fluor® 647

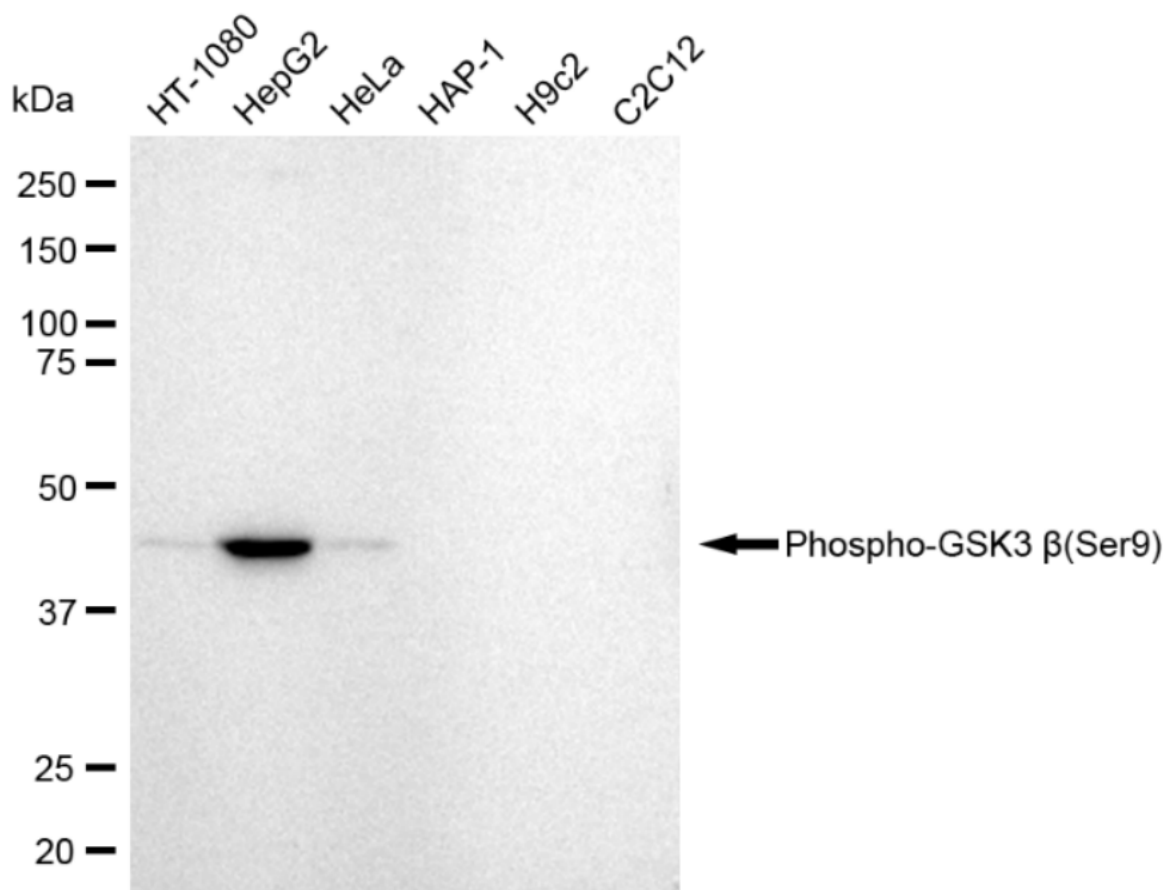
Flow cytometric analysis of Phospho-GSK3 beta (Ser9) expression in HepG2 cells using anti-Phospho-GSK3 beta (Ser9) antibody (Cat#68743, 1:2000). Green, isotype control; red, Phospho-GSK3 beta (Ser9).



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Immunocytochemical staining of HepG2 cells with Phospho-GSK3 beta (Ser9) antibody (Cat#68743, 1:1,000). Nuclei were stained blue with DAPI; Phospho-GSK3 beta (Ser9) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.



Western blotting analysis using anti-Phospho-GSK3 beta (Ser9) antibody (Cat#68743). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-GSK3 beta (Ser9) antibody (Cat#68743, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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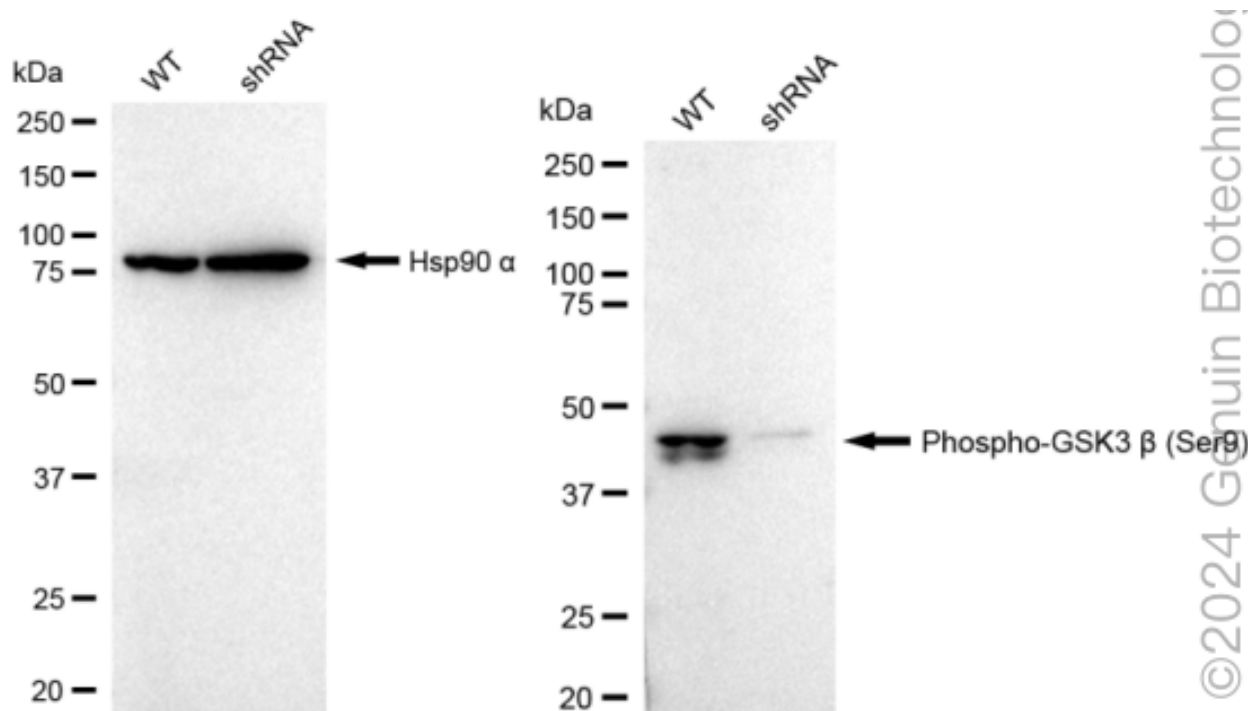
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Western blotting analysis using anti-Phospho-GSK3 beta (Ser9) antibody (Cat#68743). Phospho-GSK3 beta (Ser9) expression in wild type (WT) and phospho-GSK3 beta (Ser9) shRNA knockdown (KD) Hela cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Phospho-GSK3 beta (Ser9) antibody (Cat#68743, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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