

KO-Validated Anti-Serine/Threonine Kinase 3 Recombinant Rabbit Monoclonal Antibody



Catalog #: 71226

Aliases

STK3; Serine/Threonine Kinase 3; MST2; KRS1; Serine/Threonine Kinase 3 (Ste20, Yeast Homolog); Mammalian STE20-Like Protein Kinase 2; Serine/Threonine-Protein Kinase Krs-1; Serine/Threonine-Protein Kinase 3; STE20-Like Kinase MST2; EC 2.7.11.1; MST-2; Serine/Threonine Kinase 3 (STE20 Homolog, Yeast); Epididymis Secretory Sperm Binding Protein; Hippo (Drosophila) Homolog; Hippo Homolog; KB-1458E12.1; EC 2.7.11

Background

Gene Name: STK3

NCBI Gene Entry: [6788](#)

UniProt Entry: [Q13188](#)

Application Information

Molecular Weight: Predicted, 56 kDa, observed, 56 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB3265

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human STK3

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

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

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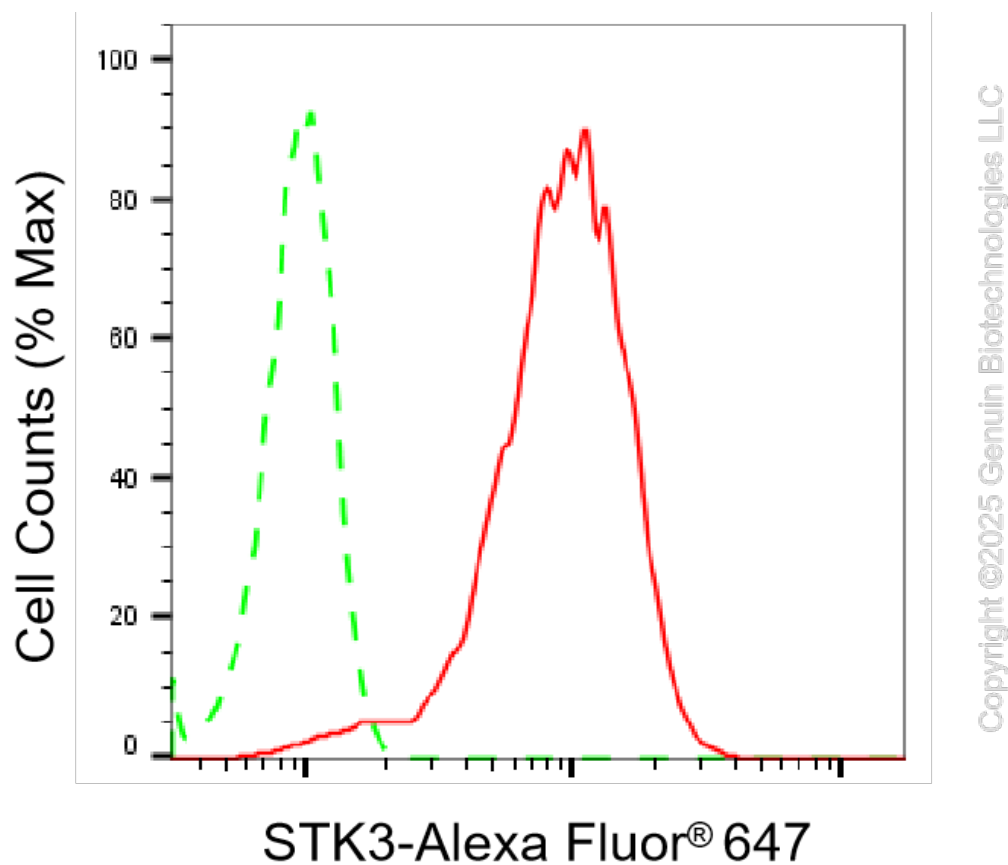
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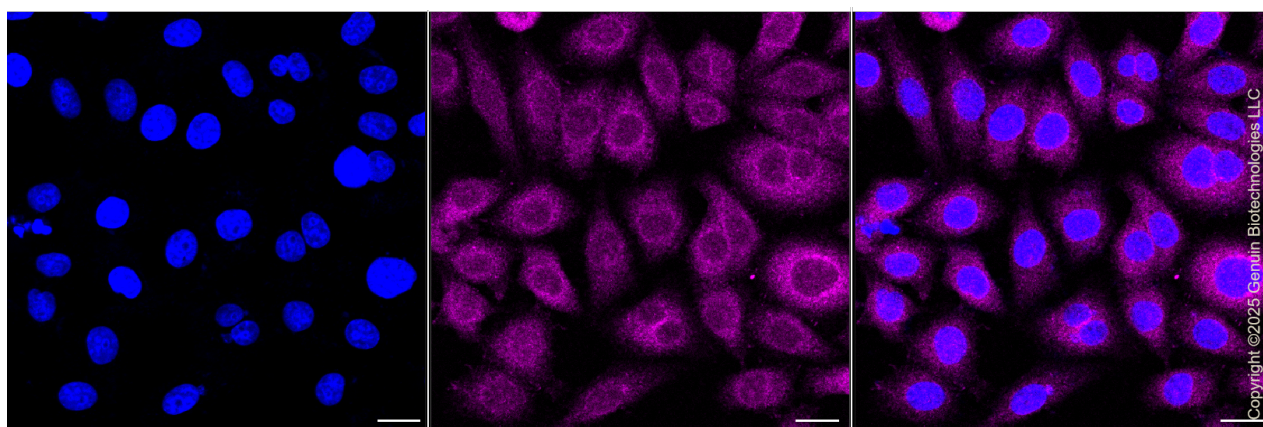
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Note: This product is for research use only.

Validation Data



Flow cytometric analysis of STK3 expression in HepG2 cells using anti-STK3 antibody (Cat#71226, 1:2,000). Green, isotype control; red, STK3.



Immunocytochemical staining of HepG2 cells with anti-STK3 antibody (Cat#71226, 1:1,000). Nuclei were stained blue with DAPI; STK3 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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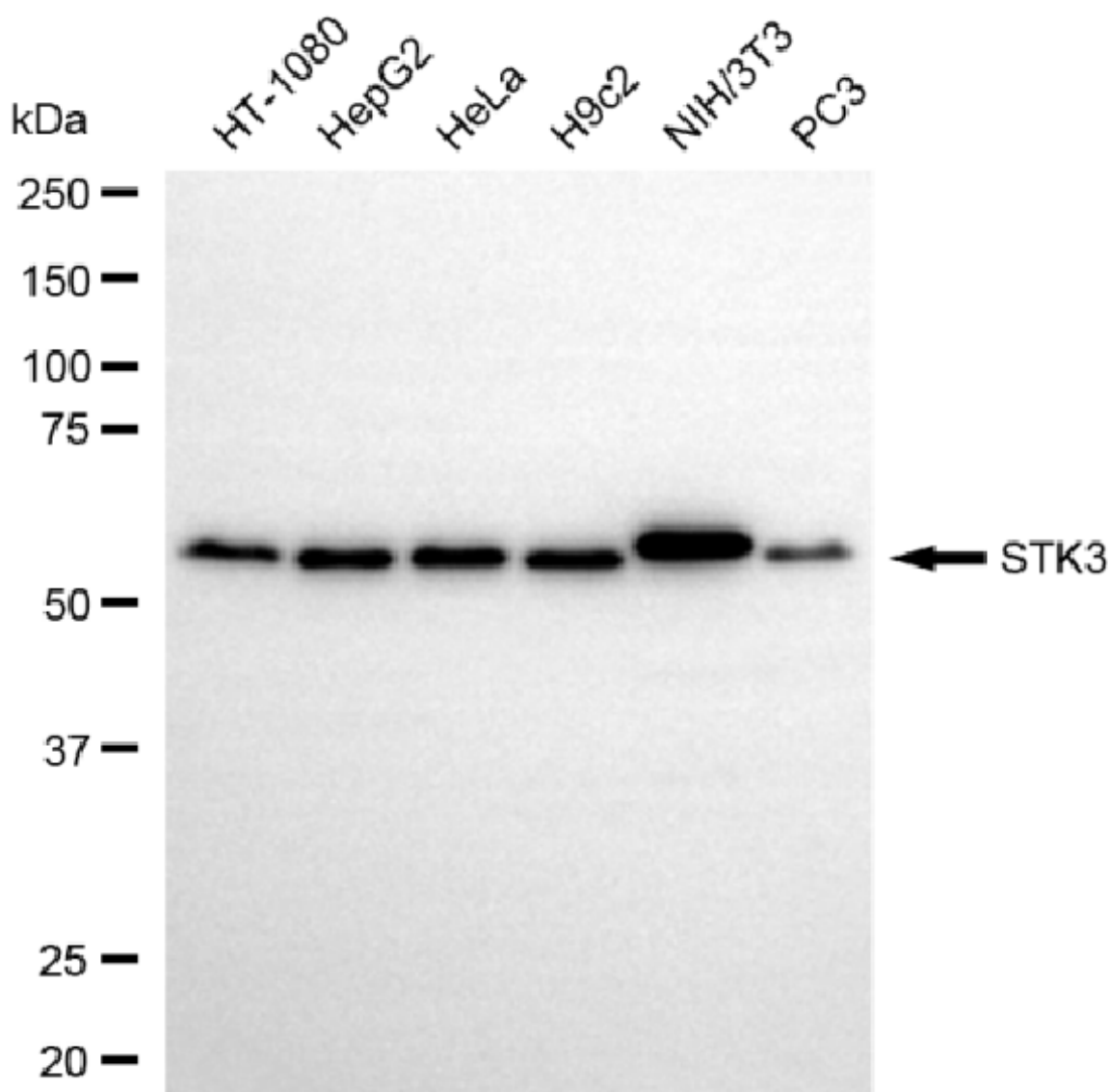
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Medium. Scale bar, 20 μ m.



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Western blotting analysis using anti-STK3 antibody (Cat#71226). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-STK3 antibody (Cat#71226, 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).

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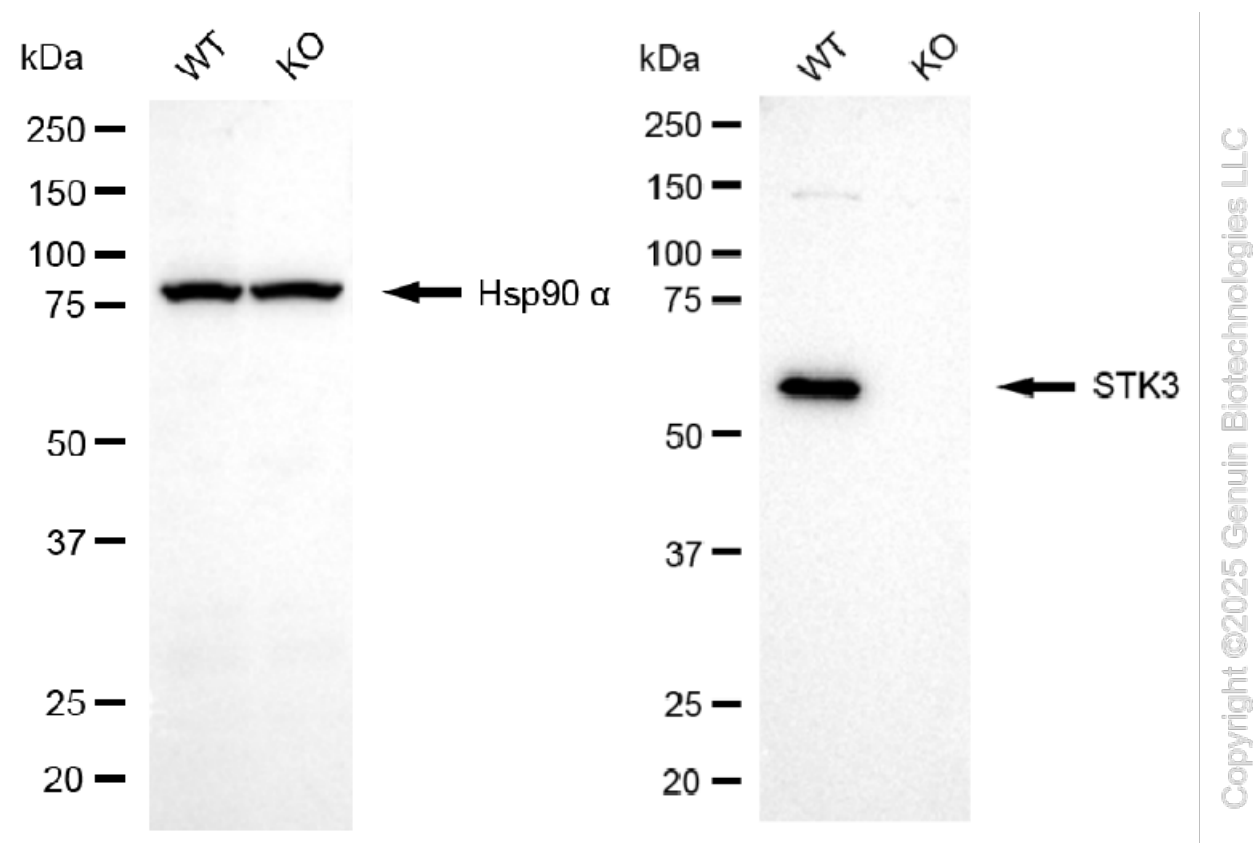
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Western blotting analysis using anti-STK3 antibody (Cat#71226). STK3 expression in wild type (WT) and STK3 knockout (KO) HSHC cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-STK3 antibody (Cat#71226, 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).

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