

# KO-Validated SRPK2 Mouse mAb



## Catalog #: 71165

### Aliases

SRPK2; SRSF Protein Kinase 2; SFRS Protein Kinase 2; SFRSK2; Serine/Arginine-Rich Protein-Specific Kinase 2; Serine/Arginine-Rich Splicing Factor Kinase 2; SR-Protein-Specific Kinase 2; SR Protein Kinase 2; EC 2.7.11.1; Serine/Threonine-Protein Kinase SRPK2; Serine Kinase SRPK2

### Background

Gene Name: SRPK2

NCBI Gene Entry: 6733

UniProt Entry: P78362

### Application Information

Molecular Weight: Predicted, 78 kDa; observed, 125 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB660

Species Reactivity: Human, rat

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

### Immunogen

Recombinant protein of human SRPK2

### Isotype

Mouse IgG2a

### Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, 0.5% BSA and 0.09% sodium azide

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:200-1:1,000

Flow Cytometry (FCM) : 1:200-1:2,000

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

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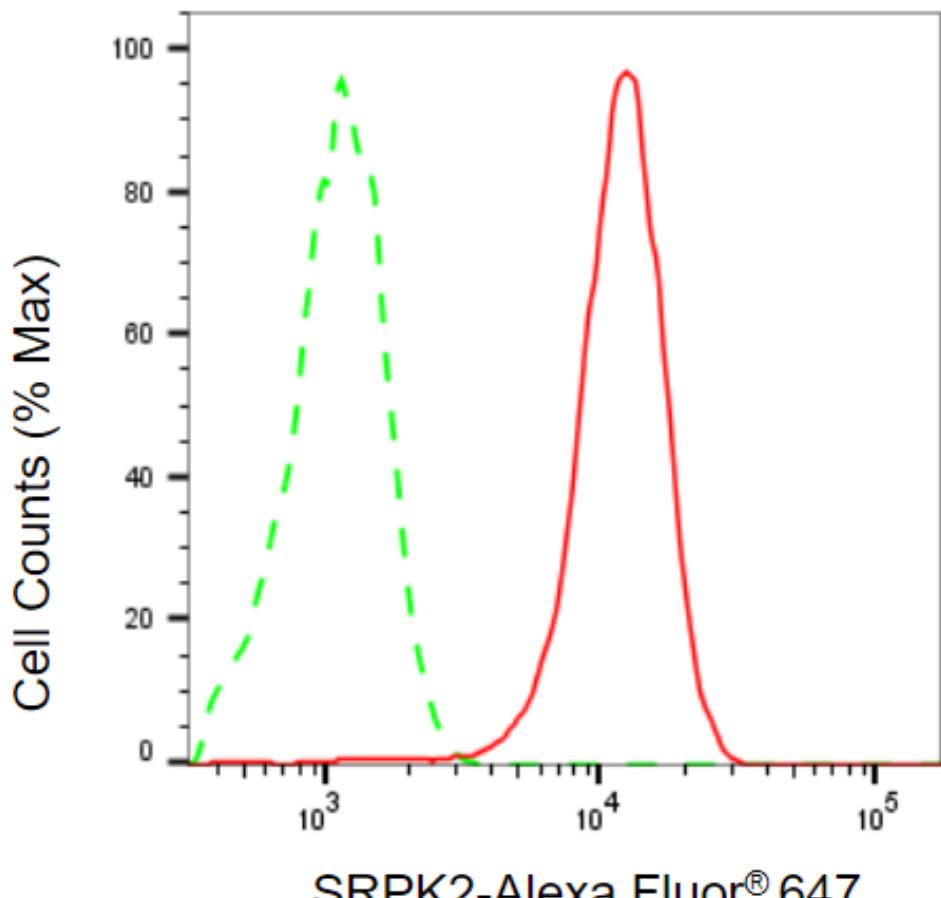
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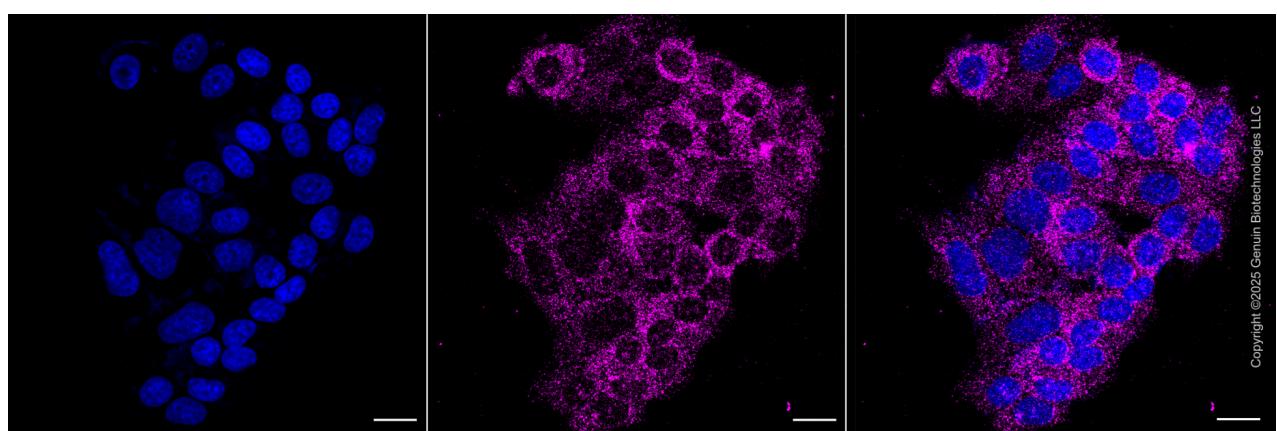
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## Validation Data



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Flow cytometric analysis of SRPK2 expression in HepG2 cells using SRPK2 antibody (Cat#71165, 1:2,000). Green, isotype control; red, SRPK2.



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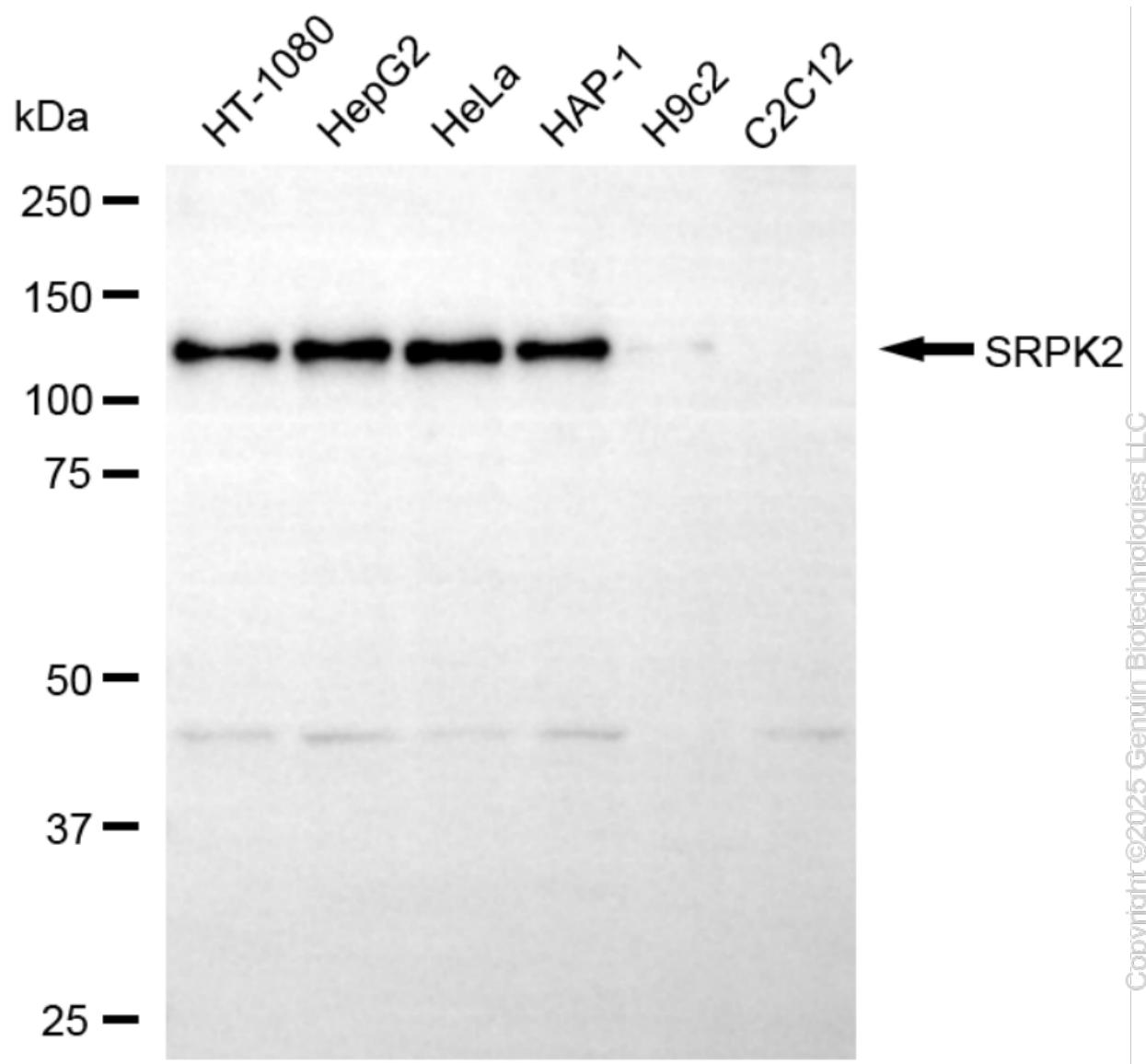
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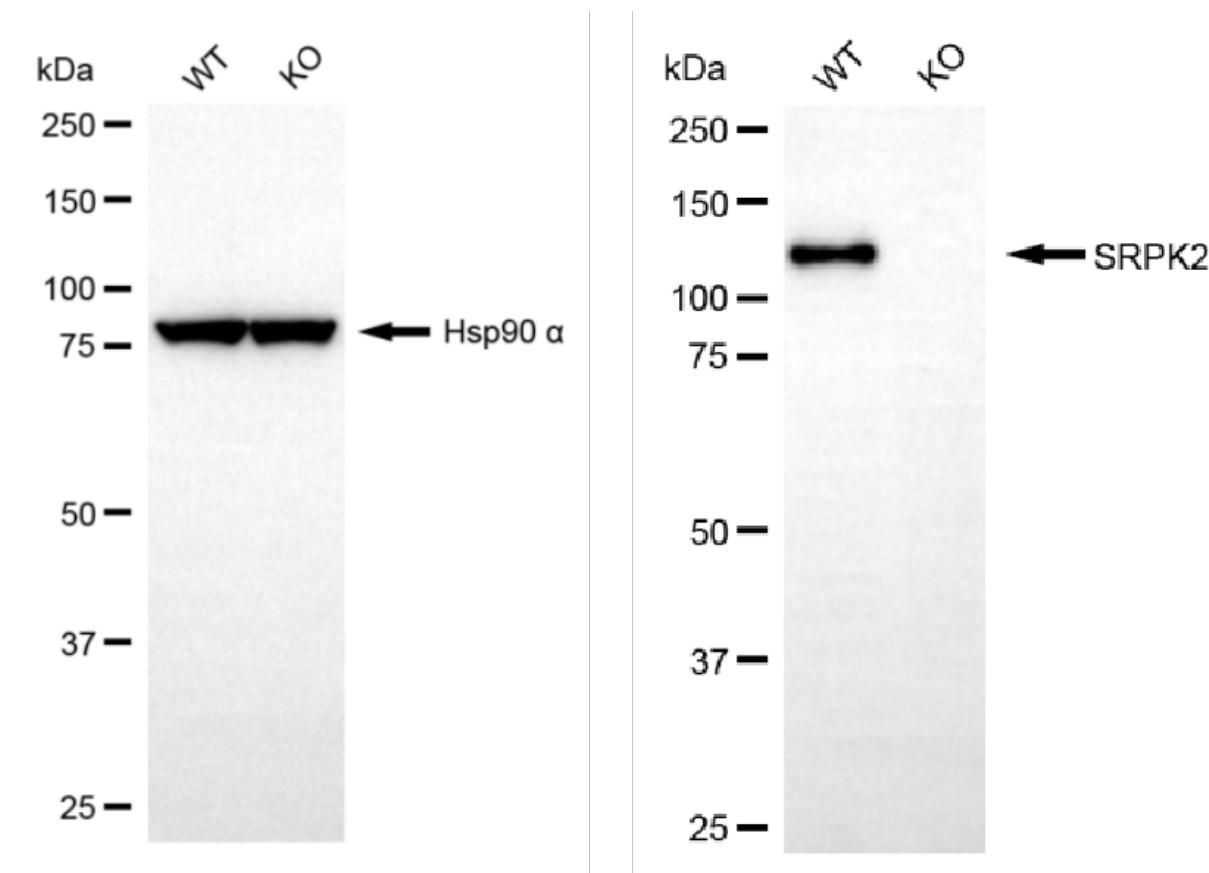
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Immunocytochemical staining of HepG2 cells with SRPK2 antibody (Cat#71165, 1:1,000) . Nuclei were stained blue with DAPI; SRPK2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain:Low . Scale bar, 20  $\mu$ m.



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Western blotting analysis using SRPK2 antibody (Cat#71165). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with SRPK2 antibody (Cat#71165, 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).



Western blotting analysis using SRPK2 antibody (Cat#71165). SRPK2 expression in wild type (WT) and SRPK2 knockout (KO) HeLa cells with 30 µg of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with SRPK2 antibody (Cat#71165, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ<sup>TM</sup> ECL Substrate Kit (Cat#716).