

KD-Validated Anti-MAPK10 Recombinant Rabbit Monoclonal Antibody



Catalog #: 62328

Aliases

Mitogen-Activated Protein Kinase 10; JNK3; P54bSAPK; P493F12; PRKM10; Stress-Activated Protein Kinase JNK3; Stress-Activated Protein Kinase 1b; C-Jun N-Terminal Kinase 3; MAP Kinase P49 3F12; MAP Kinase 10; EC 2.7.11.24; SAPK1b; JNK3A; Stress Activated Protein Kinase Beta; JNK3 Alpha Protein Kinase; EC 2.7.11; MAPK 10; SAPK1B

Background

Gene Name: MAPK10

NCBI Gene Entry: [5602](#)

UniProt Entry: [P53779](#)

Application Information

Molecular Weight: Predicted, 53 kDa, observed, 53 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB320

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human JNK3

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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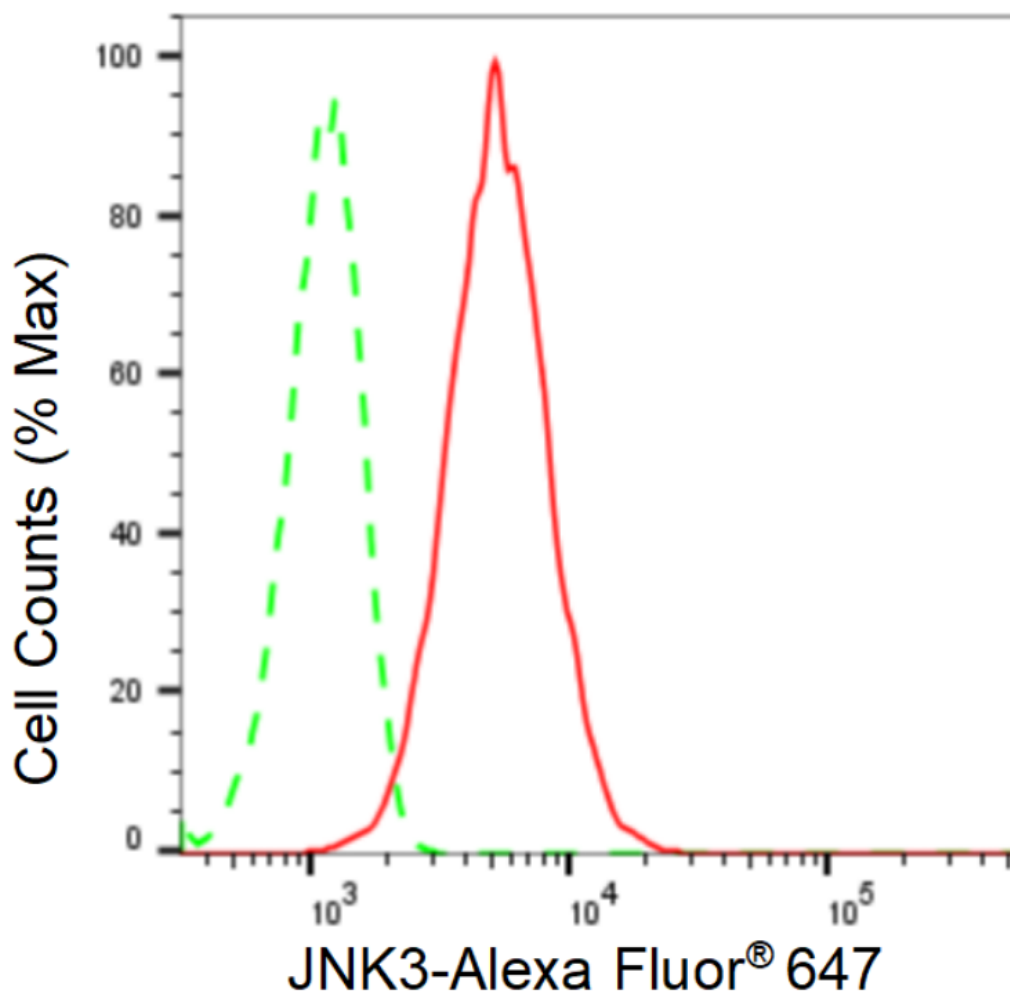
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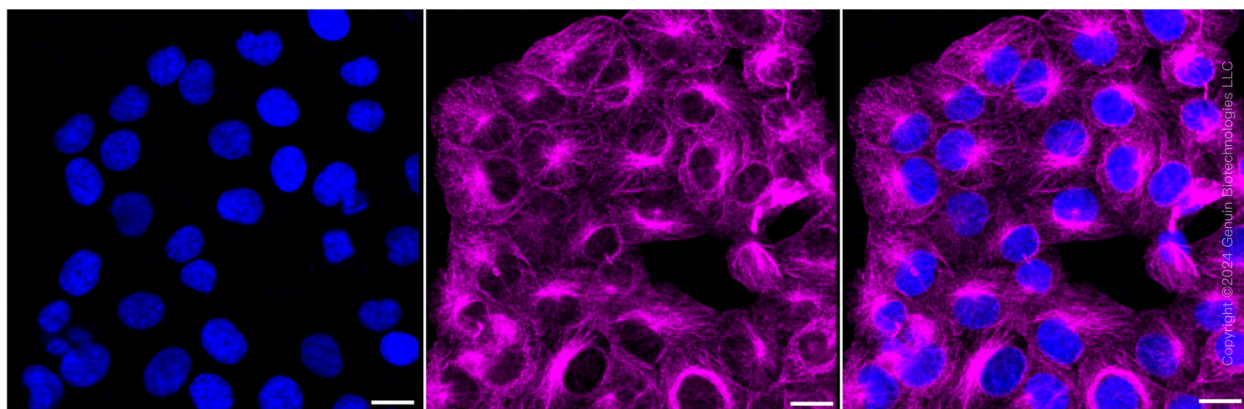
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Validation Data



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Flow cytometric analysis of JNK3 expression in HT-1080 cells using JNK3 antibody (Cat#62328, 1:2,000). Green, isotype control; red, JNK3.



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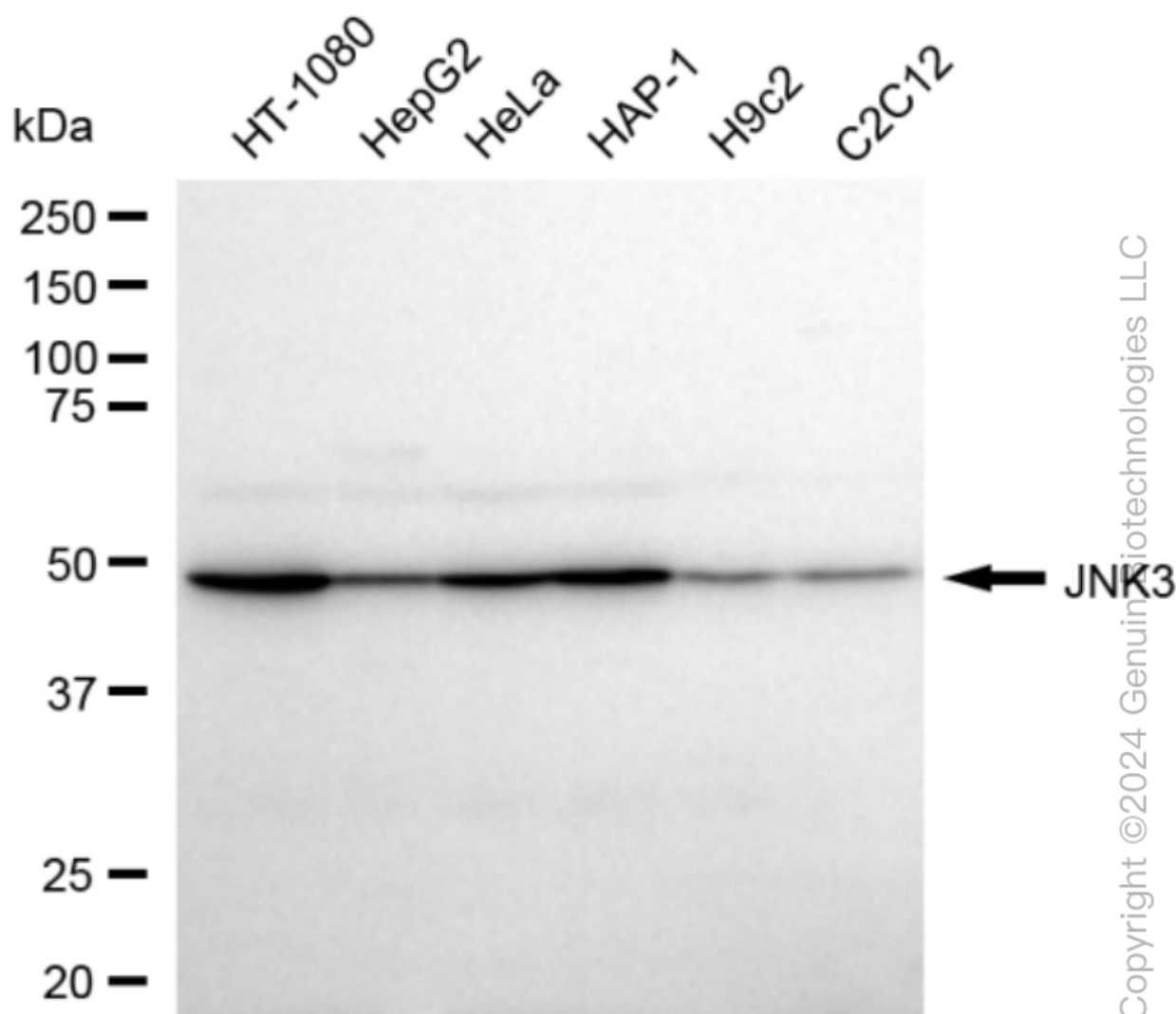
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Immunocytochemical staining of HT-1080 cells with anti-JNK3 antibody (Cat#62328, 1:1,000). Nuclei were stained blue with DAPI; JNK3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.



Western blotting analysis using anti-JNK3 antibody (Cat#62328). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-JNK3 antibody (Cat#62328, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

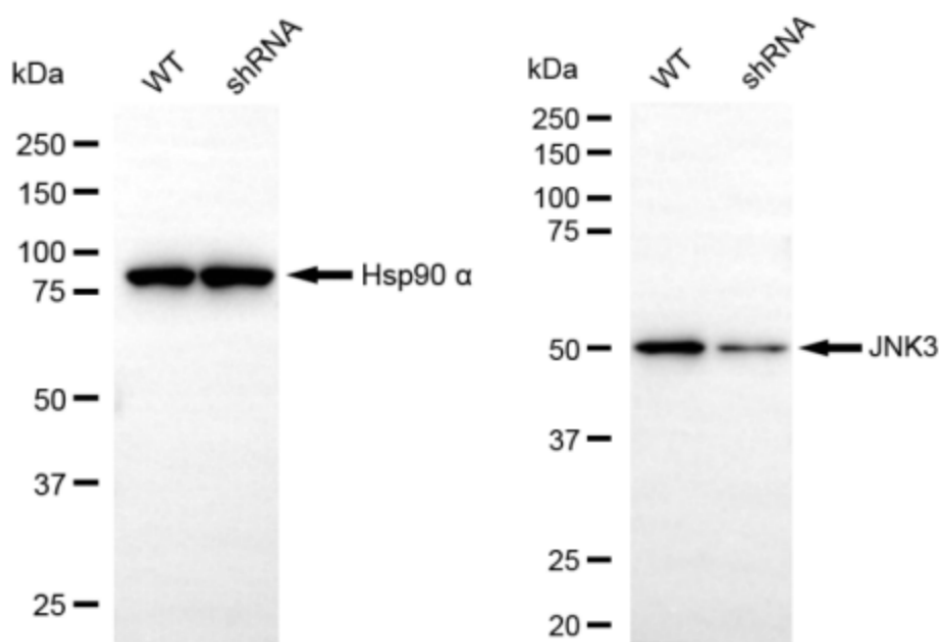
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Western blotting analysis using anti-JNK3 antibody (Cat#62328). JNK3 expression in wild type (WT) and JNK3 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-JNK3 antibody (Cat#62328, 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).