9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-MAPK10 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1599

Product Overview

Name	KD-Validated Anti-MAPK10 Rabbit Monoclonal Antibody
Accession(Primary)	P53779
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human JNK3
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 53 kDa , observed , 53 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (P53779)

Gene Name	MAPK10
About Gene Symbol	MAPK10 (Mitogen-Activated Protein Kinase 10) is a mitogen-activated protein kinase involved in MAPK/ERK signaling. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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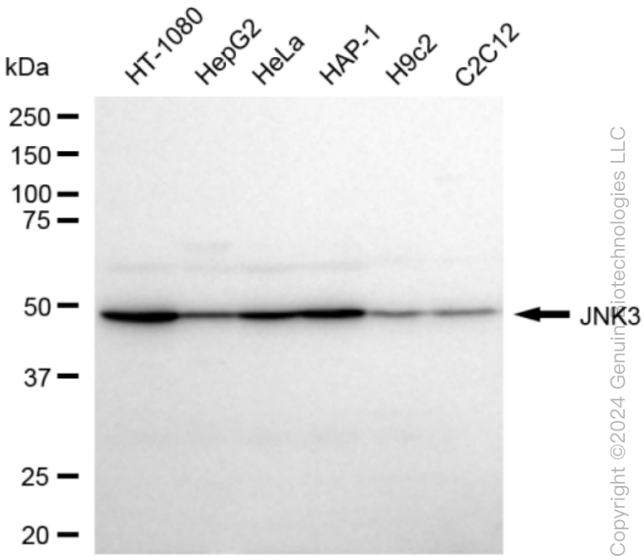

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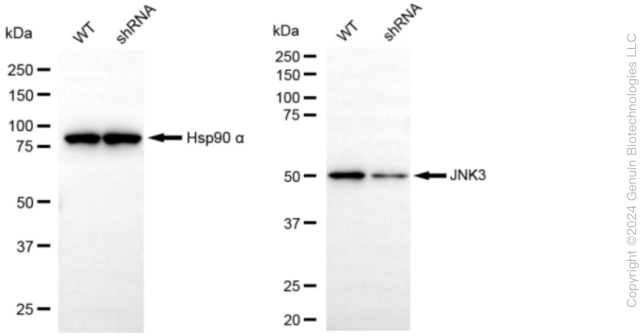
Western blotting analysis using anti-JNK3 antibody (Cat#ABG1599). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-JNK3 antibody (Cat#ABG1599, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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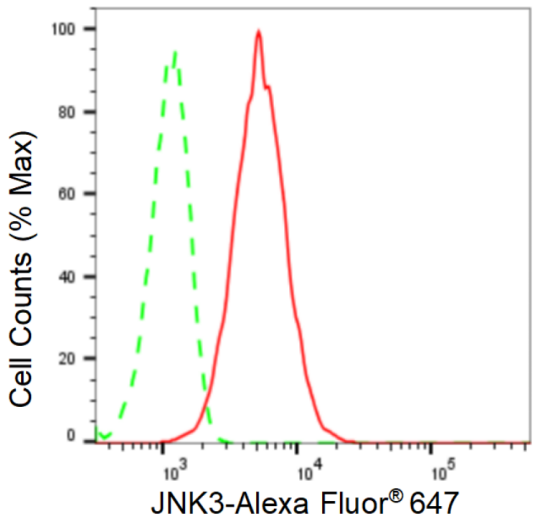
Western blotting analysis using anti-JNK3 antibody (Cat#ABG1599). JNK3 expression in wild type (WT) and JNK3 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-JNK3 antibody (Cat#ABG1599, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of JNK3 expression in HT-1080 cells using JNK3 antibody (Cat#ABG1599, 1:2,000). Green, isotype control; red, JNK3.

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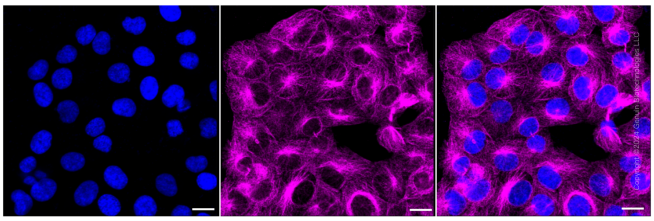

Immunocytochemical staining of HT-1080 cells with anti-JNK3 antibody (Cat#ABG1599, 1:1,000). Nuclei were stained blue with DAPI; JNK3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.