

KD-Validated Anti-MAPK10 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

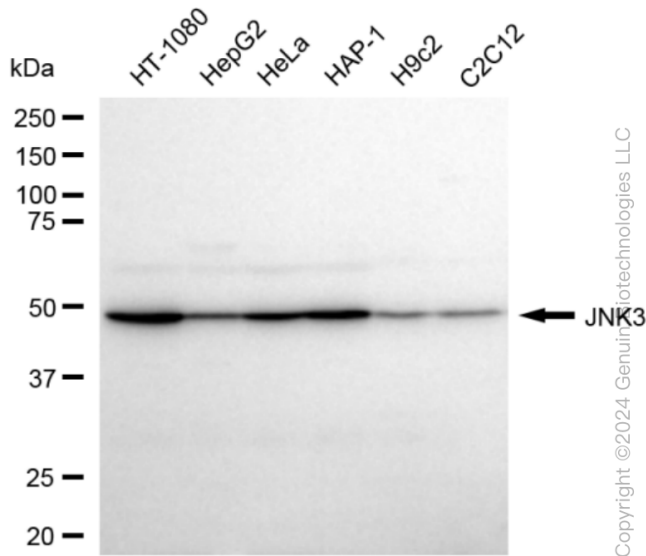
ABG1599

Product Overview

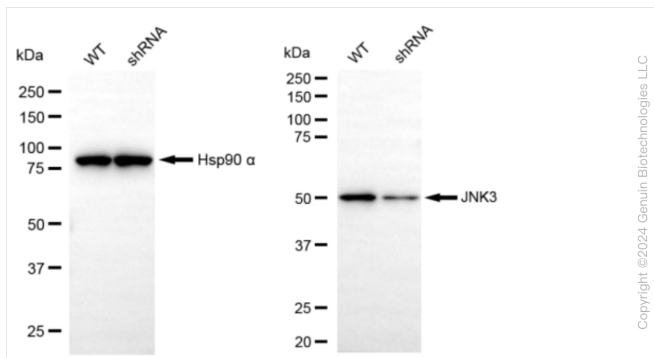
Name	KD-Validated Anti-MAPK10 Rabbit Monoclonal Antibody
Accession(Primary)	P53779
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human JNK3
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 53 kDa , observed , 53 kDa
Storage Buffer	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)

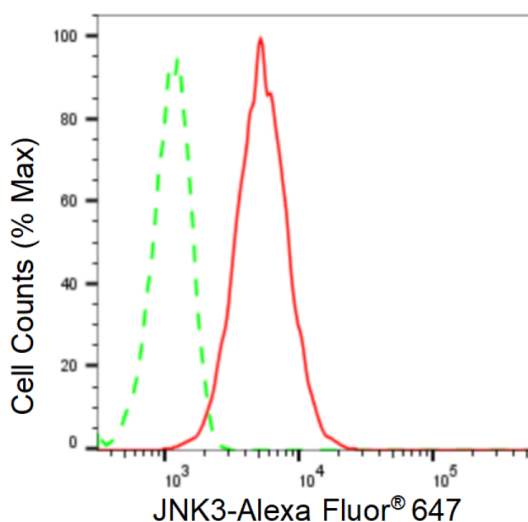
Gene Name	MAPK10
About Gene Symbol	MAPK10 (Mitogen-Activated Protein Kinase 10) is a mitogen-activated protein kinase involved in MAPK/ERK signaling. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and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



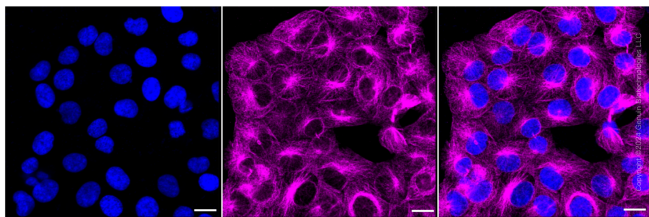
Western blotting analysis using anti-JNK3 antibody (Cat#ABG1599). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-JNK3 antibody (Cat#ABG1599, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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.



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



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 μ m.