9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-JUN Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1916

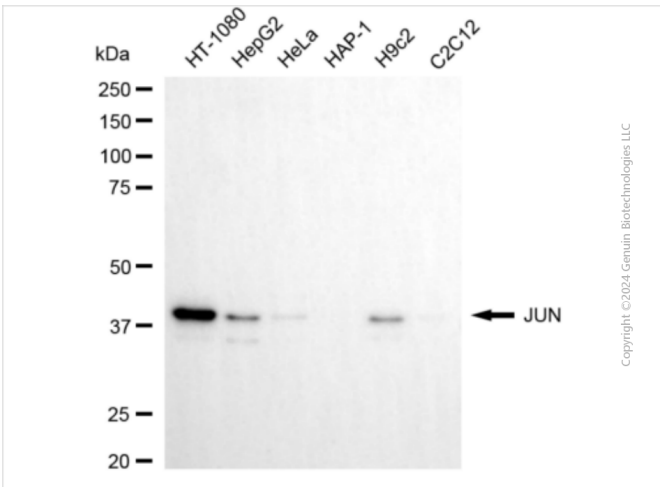
Product Overview

Name	KD-Validated Anti-JUN Mouse Monoclonal Antibody
Accession(Primary)	P05412
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human JUN
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 36 kDa, Observed, 40kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:2,500 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

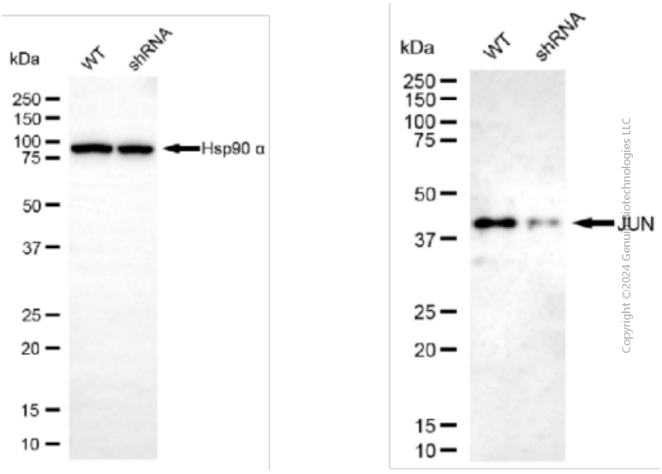
Target information (P05412)

Gene Name	JUN
About Gene Symbol	JUN (Jun Proto-Oncogene, AP-1 Transcription Factor Subunit) is a proto-oncogene involved in gene transcription and regulation. It is an important research target in cancer research and infectious disease and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

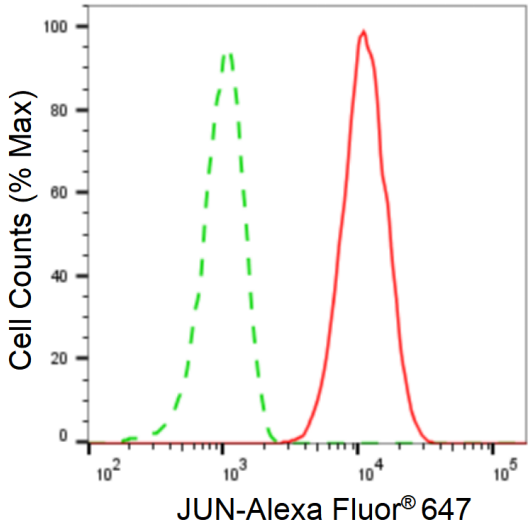
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Western blotting analysis using anti-JUN antibody (Cat#ABG1916). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-JUN antibody (Cat#ABG1916, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.

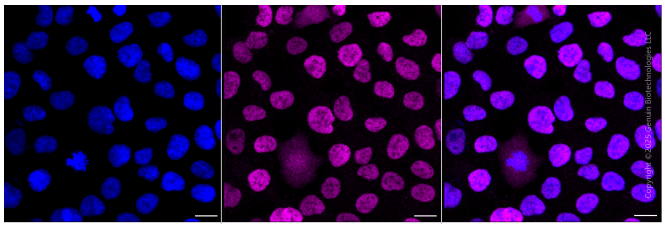


Western blotting analysis using anti-JUN antibody (Cat#ABG1916). JUN expression in wild type (WT) and JUN shRNA knockdown (KD) C2C12 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-JUN antibody (Cat#ABG1916, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Flow cytometric analysis of JUN expression in HT-1080 cells using anti-JUN antibody (Cat#ABG1916, 1:2,000). Green, isotype control; red, JUN.

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Immunocytochemical staining of HT-1080 cells with anti-JUN antibody (Cat#ABG1916, 1:1,000). Nuclei were stained blue with DAPI; JUN 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.