9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-JUP Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1054

Product Overview

Name	KD-Validated Anti-JUP Rabbit Monoclonal Antibody
Accession(Primary)	P14923
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Catenin gamma
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 82 kDa, observed, 75 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 (P14923)

Gene Name	JUP
About Gene Symbol	JUP (Junction Plakoglobin) is a cell junction/adhesion protein involved in cytoskeletal organization. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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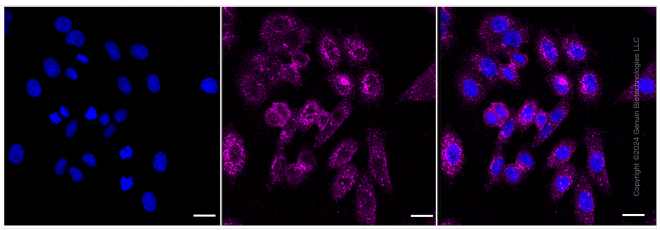
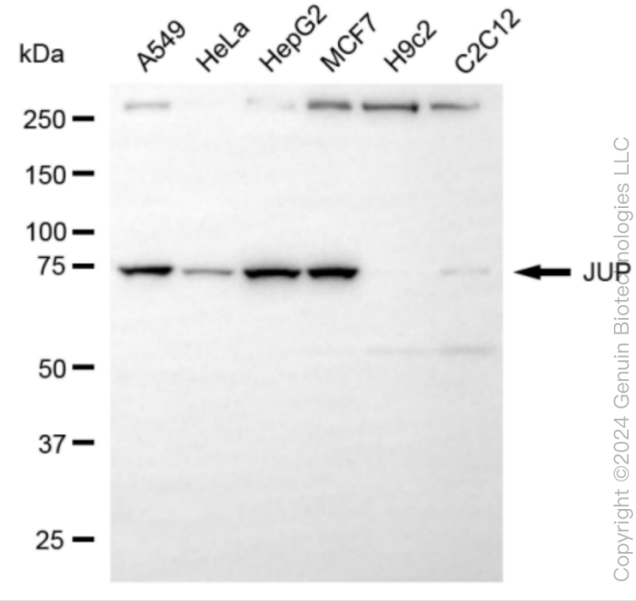
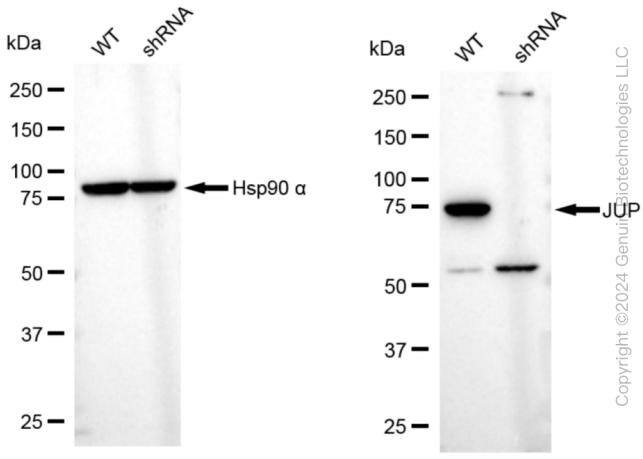


Immunocytochemical staining of HepG2 cells with anti-JUP antibody (Cat#ABG1054, 1:1,000). Nuclei were stained blue with DAPI; JUP was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.



Western blotting analysis using anti-JUP antibody (Cat#ABG1054). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-JUP antibody (Cat#ABG1054, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-JUP antibody (Cat#ABG1054). JUP expression in wild type (WT) and JUP shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-JUP antibody (Cat#ABG1054, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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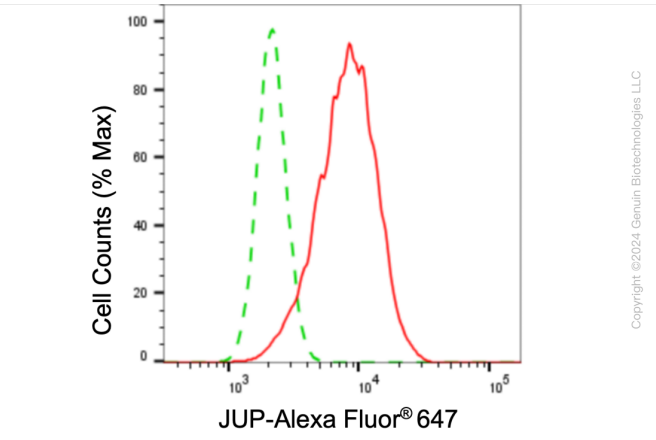

Flow cytometric analysis of JUP expression in HepG2 cells using JUP antibody (Cat#ABG1054, 1:2,000). Green, isotype control; red, JUP.