9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Hsp90 beta Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1241

Product Overview

Name	KD-Validated Anti-Hsp90 beta Rabbit Monoclonal Antibody
Accession(Primary)	P08238
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Hsp90 beta
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 83 kDa , observed, 85 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): 1:1,000

Target information (P08238)

Gene Name	HSP90AB1
About Gene Symbol	HSP90AB1 (Heat Shock Protein 90 Alpha Family Class B Member 1) is a molecular chaperone involved in cell signaling and proliferation. 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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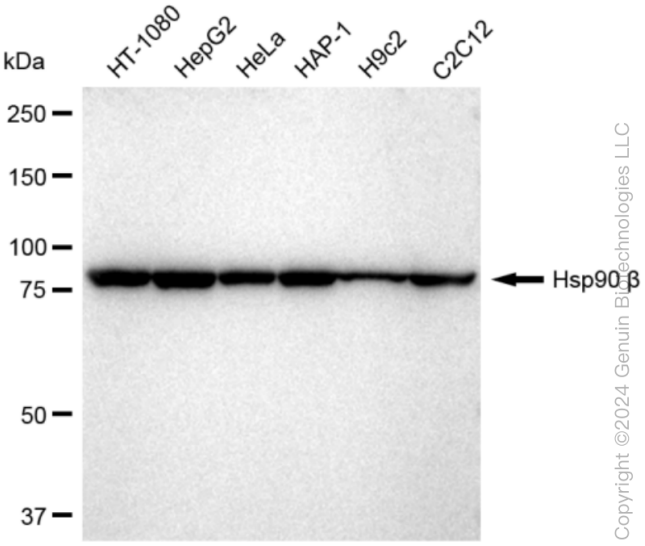

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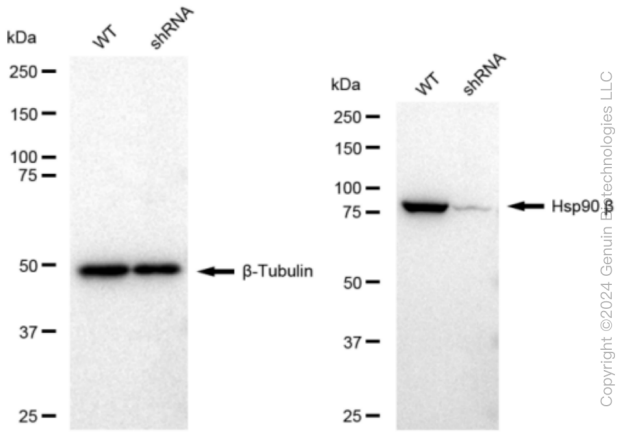
Western blotting analysis using anti-Hsp90 beta antibody (Cat#ABG1241). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Hsp90 beta antibody (Cat#ABG1241, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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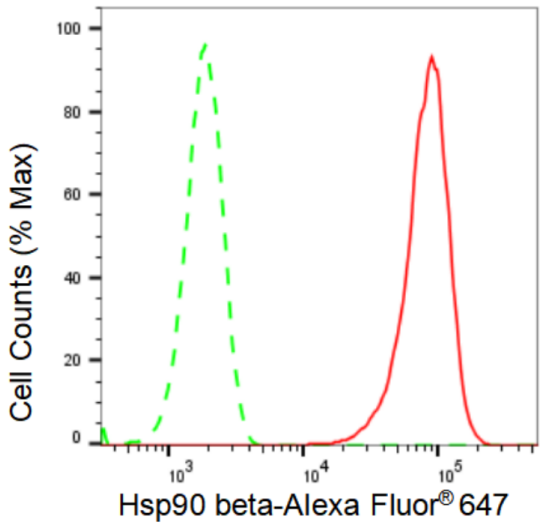
Western blotting analysis using anti-Hsp90 beta antibody (Cat#ABG1241). Hsp90 beta expression in wild type (WT) and Hsp90 beta shRNA knockdown (KD) 293T cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Hsp90 beta antibody (Cat#ABG1241, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Hsp90 beta expression in HepG2 cells using Hsp90 beta antibody (Cat#ABG1241, 1:2,000). Green, isotype control; red, Hsp90 beta.

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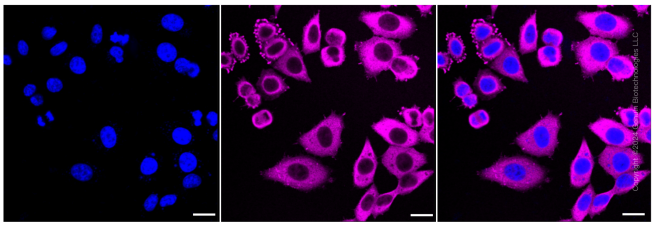

Immunocytochemical staining of HepG2 cells with Hsp90 beta antibody (Cat#ABG1241, 1:1,000). Nuclei were stained blue with DAPI; Hsp90 beta was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.