9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-HSPA5 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1243

Product Overview

Name	KD-Validated Anti-HSPA5 Rabbit Monoclonal Antibody
Accession(Primary)	P11021
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human GRP78 BiP
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 72 kDa, observed, 74 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 (P11021)

Gene Name	HSPA5
About Gene Symbol	HSPA5 (Heat Shock Protein Family A (Hsp70) Member 5) is a molecular chaperone involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mecha

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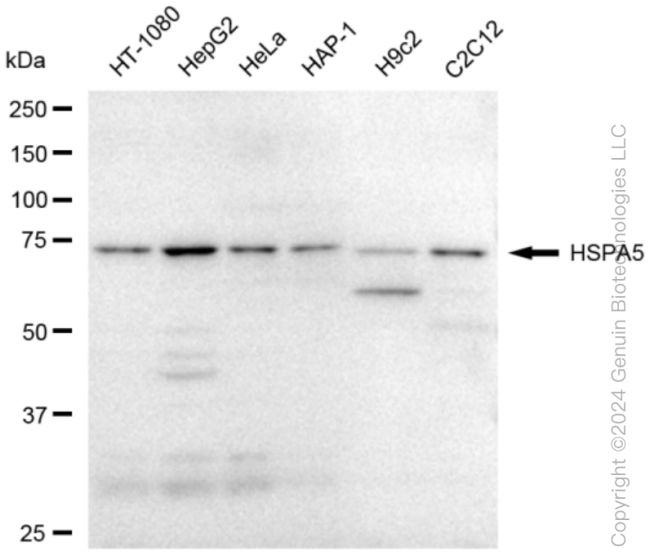

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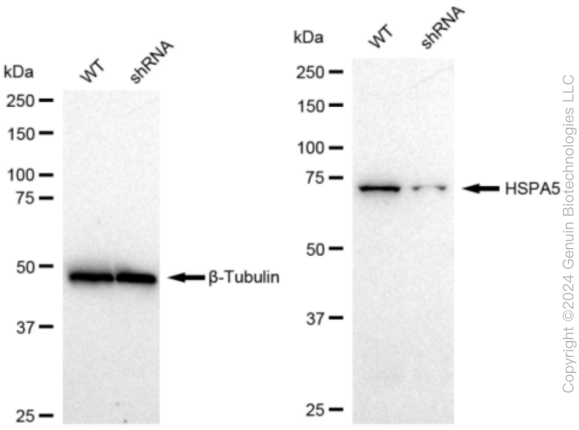
Western blotting analysis using anti-HSPA5 antibody (Cat#ABG1243). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-HSPA5 antibody (Cat#ABG1243, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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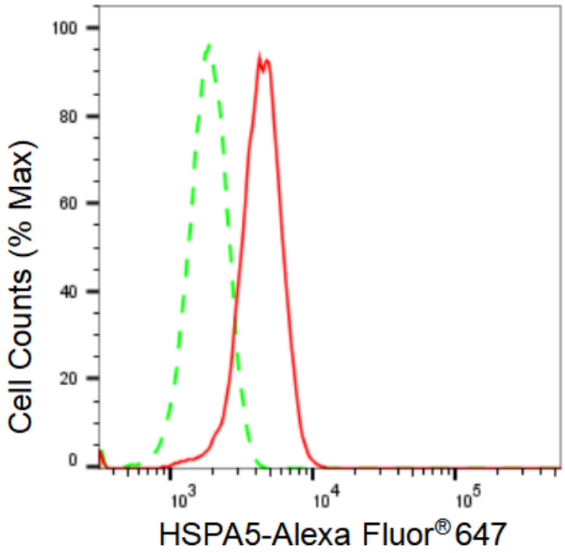
Western blotting analysis using anti-HSPA5 antibody (Cat#ABG1243). HSPA5 expression in wild type (WT) and HSPA5 shRNA knockdown (KD) 293T cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-HSPA5 antibody (Cat#ABG1243, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of HSPA5 expression in HepG2 cells using HSPA5 antibody (Cat#ABG1243, 1:2,000). Green, isotype control; red, HSPA5.

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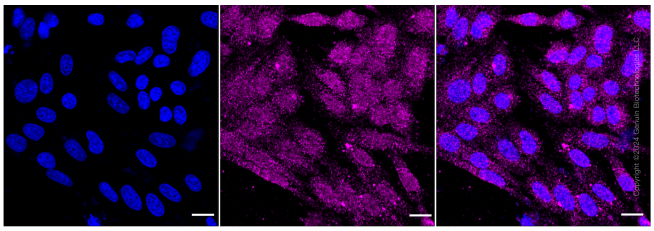

Immunocytochemical staining of HepG2 cells with anti-HSPA5 antibody (Cat#ABG1243, 1:1,000). Nuclei were stained blue with DAPI; HSPA5 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.