

KD-Validated Anti-HSPA5 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

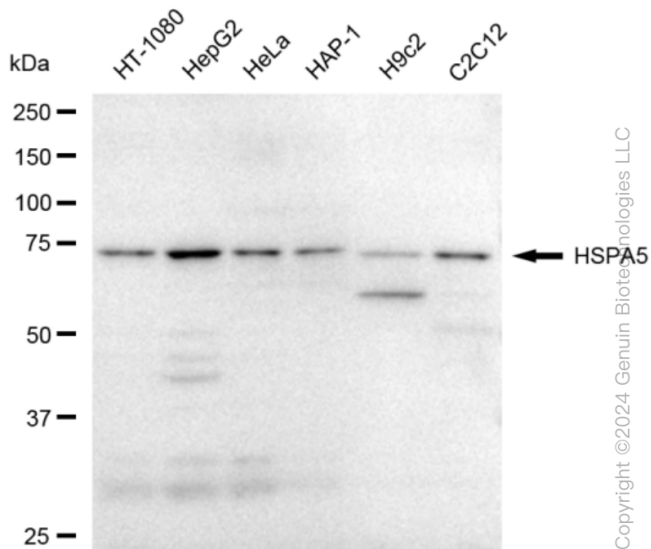
ABG1243

Product Overview

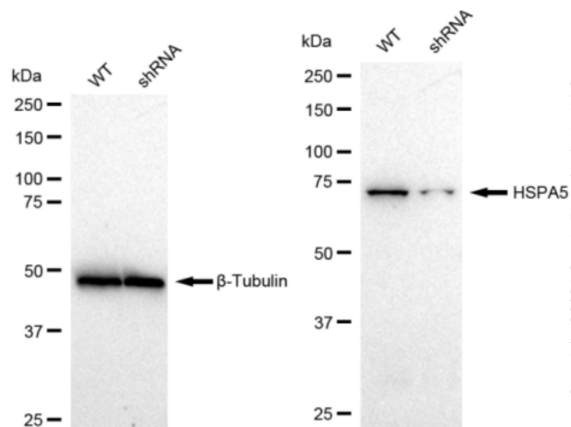
Name	KD-Validated Anti-HSPA5 Rabbit Monoclonal Antibody
Accession(Primary)	P11021
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human GRP78 BiP
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 72 kDa, observed, 74 kDa
Storage Buffer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

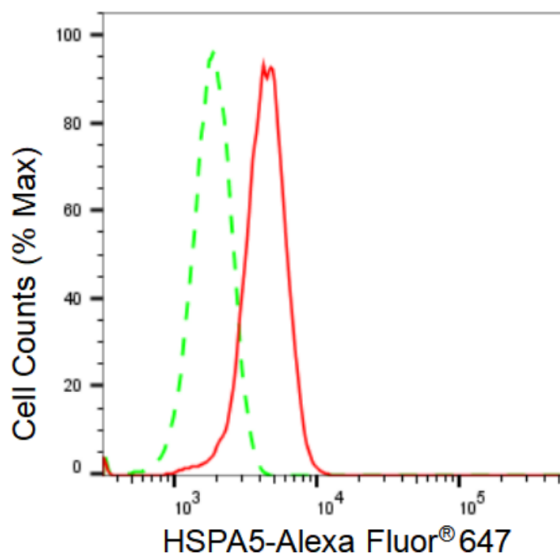
Gene Name	HSPA5
About Gene Symbol	HSPA5 (Heat Shock Protein Family A (Hsp70) Member 5) is a molecular chaperone involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mecha



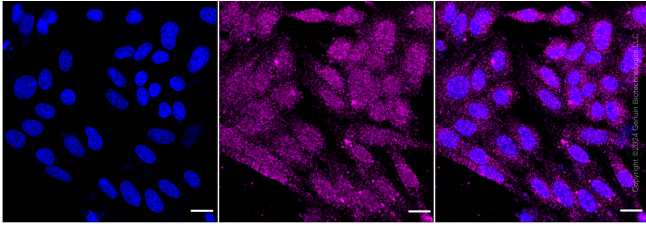
Western blotting analysis using anti-HSPA5 antibody (Cat#ABG1243). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-HSPA5 antibody (Cat#ABG1243, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-HSPA5 antibody (Cat#ABG1243). HSPA5 expression in wild type (WT) and HSPA5 shRNA knockdown (KD) 293T cells with 30 μ g 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.



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



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 μ m.