

KD-Validated Anti-Hsp60 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

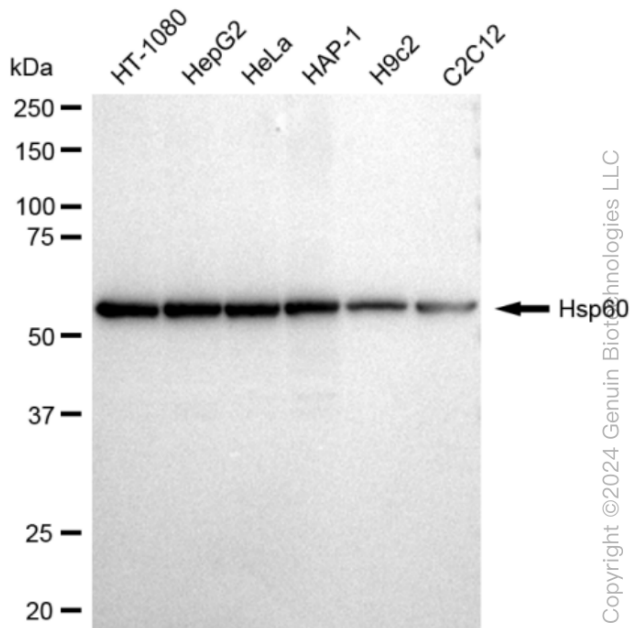
ABG1245

Product Overview

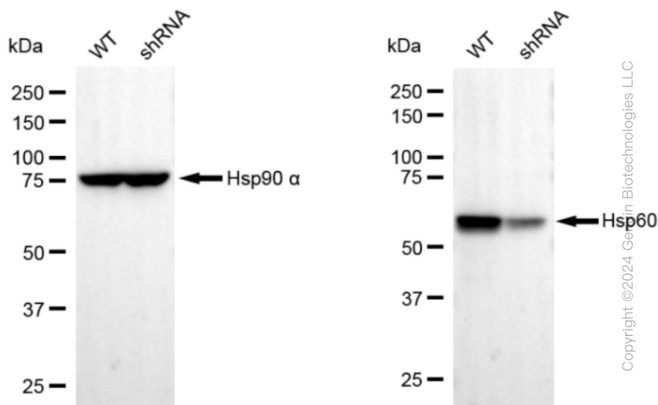
Name	KD-Validated Anti-Hsp60 Rabbit Monoclonal Antibody
Accession(Primary)	P10809
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Hsp60
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 61 kDa , observed, 60 kDa
Storage Buffer	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 (P10809)

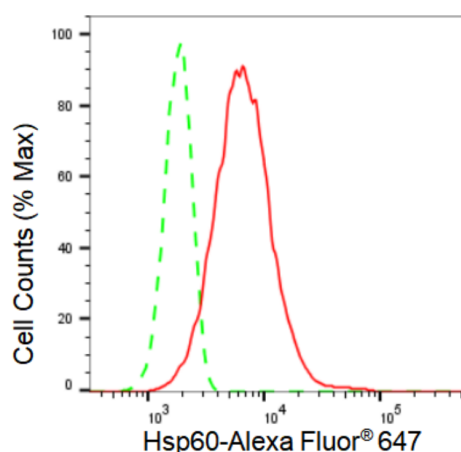
Gene Name	HSPD1
About Gene Symbol	HSPD1 (Heat Shock Protein Family D (Hsp60) Member 1) is a molecular chaperone involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mecha



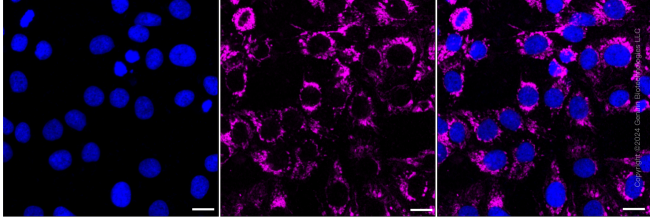
Western blotting analysis using anti-Hsp60 antibody (Cat#ABG1245). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Hsp60 antibody (Cat#ABG1245, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Hsp60 antibody (Cat#ABG1245). Hsp60 expression in wild type (WT) and Hsp60 shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Hsp60 antibody (Cat#ABG1245, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Hsp60 expression in HT-1080 cells using Hsp60 antibody (Cat#ABG1245, 1:2,000). Green, isotype control; red, Hsp60.



Immunocytochemical staining of HT-1080 cells with Hsp60 antibody (Cat#ABG1245, 1:1,000). Nuclei were stained blue with DAPI; Hsp60 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 μ m.