

KD-Validated Anti-Hsp22 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

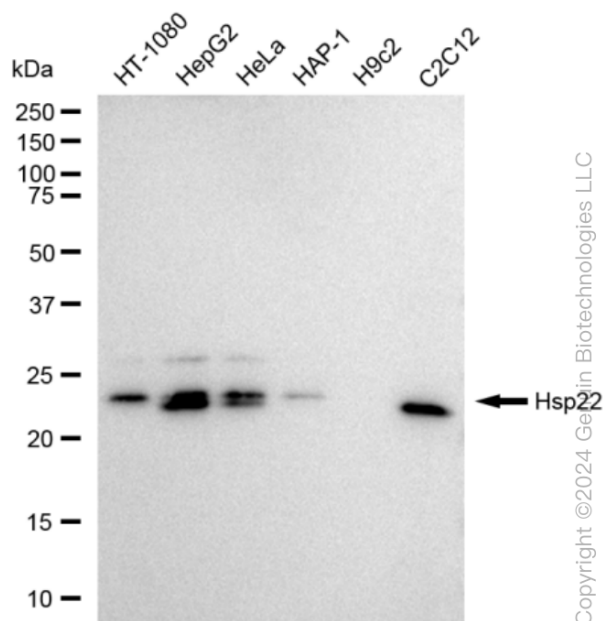
ABG1014

Product Overview

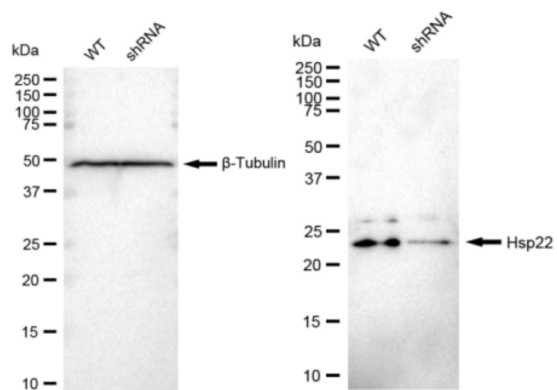
Name	KD-Validated Anti-Hsp22 Rabbit Monoclonal Antibody
Accession(Primary)	Q9UJY1
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human HSPB8/HSP22
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 22 kDa , observed, 22 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q9UJY1)

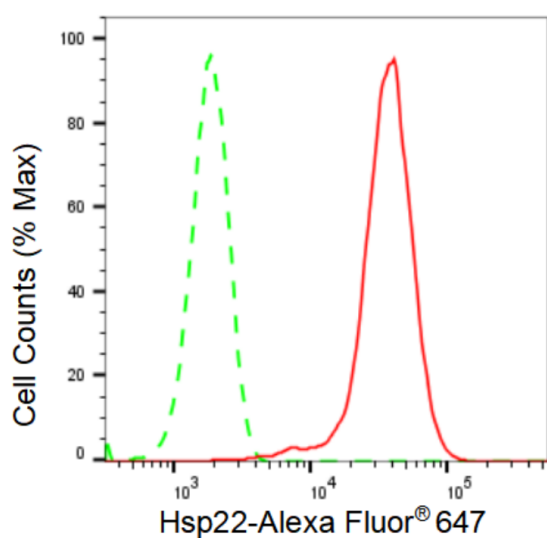
Gene Name	HSPB8
About Gene Symbol	HSPB8 (Heat Shock Protein Family B (Small) Member 8) is a molecular chaperone involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



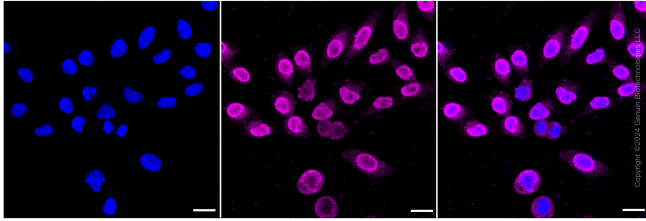
Western blotting analysis using anti-Hsp22 antibody (Cat#ABG1014). Total cell lysates (50 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Hsp22 antibody (Cat#ABG1014, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Hsp22 antibody (Cat#ABG1014). Hsp22 expression in wild type (WT) and Hsp22 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-Hsp22 antibody (Cat#ABG1014, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Hsp22 expression in HepG2 cells using Hsp22 antibody (Cat#ABG1014, 1:2,000). Green, isotype control; red, Hsp22.



Immunocytochemical staining of HepG2 cells with Hsp22 antibody (Cat#ABG1014, 1:1,000). Nuclei were stained blue with DAPI; Hsp22 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.