

Anti-Phospho-Hsp27 (S82) Recombinant Rabbit Monoclonal Antibody



Catalog #: 3090

Aliases

HSPB1; Heat Shock Protein Family B (Small) Member 1; HSP27; HSP28; Hs.76067; Hsp25; CMT2F; Estrogen-Regulated 24 KDa Protein;
Stress-Responsive Protein 27; Heat Shock 27kDa Protein 1; Heat Shock 27kD Protein 1; Heat Shock Protein Beta-1; 28 KDa Heat Shock Protein; Heat Shock 27 KDa Protein; SRP27; Epididymis Secretory Protein Li 102; HEL-S-102; HSP 27; HMN2B; HMND3; HspB1

Background

Gene Name: HSPB1
NCBI Gene Entry: [3315](#)
UniProt Entry: [P04792](#)

Application Information

Molecular Weight: Predicted, 22 kDa; observed, 27 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB4015
Species Reactivity: Human, rat
Applications Tested: Western blotting (WB), immunocytochemistry (IC), flow cytometry (FCM)

Immunogen

A synthesized peptide derived from human Phospho-Hsp27 (S82)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000
Immunocytochemistry (IC): 1:100-1:1,000
Flow Cytometry (FCM): 1:2,000

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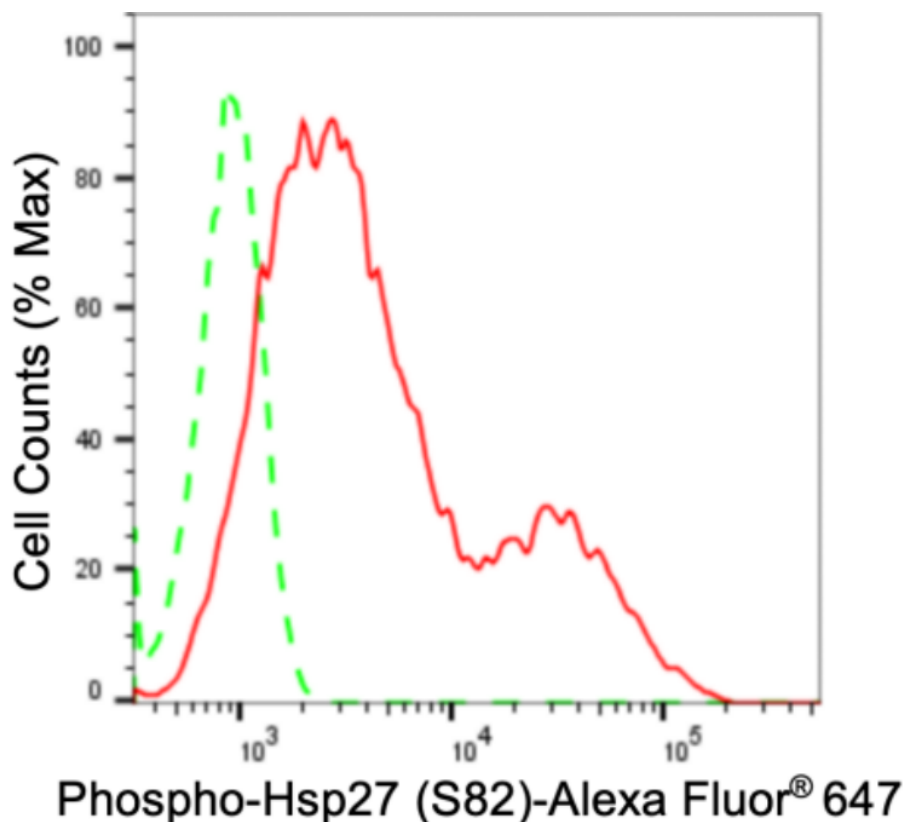
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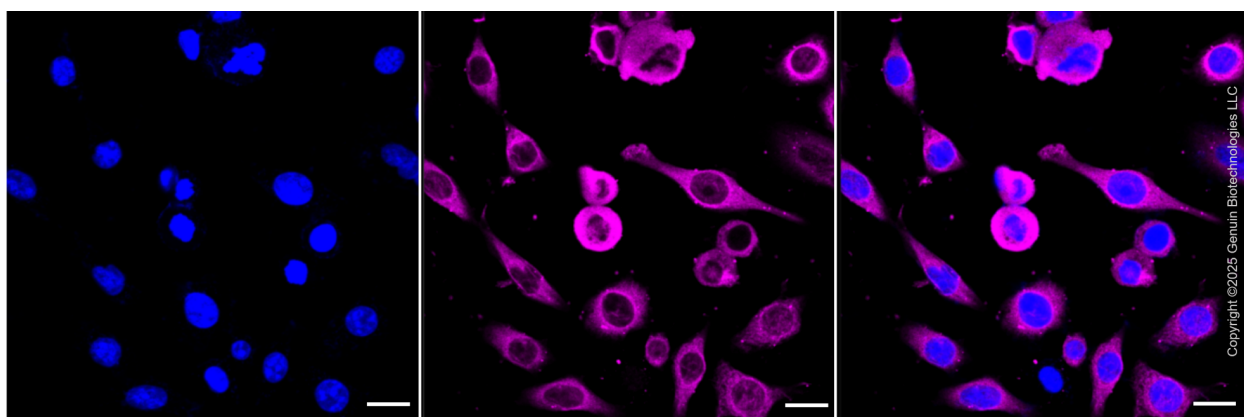
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Note: This product is for research use only.

Validation Data



Flow cytometric analysis of phospho-Hsp27 (S82) expression in HepG2 cells using anti-phospho-Hsp27 (S82) antibody (Cat#3090, 1:2,000). Green, isotype control; red, phospho-Hsp27 (S82).



Immunocytochemical staining of HepG2 cells with phospho-Hsp27 (S82) antibody (Cat#3090, 1:1,000). Nuclei were stained blue with DAPI; Phospho-Hsp27 (S82) 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.

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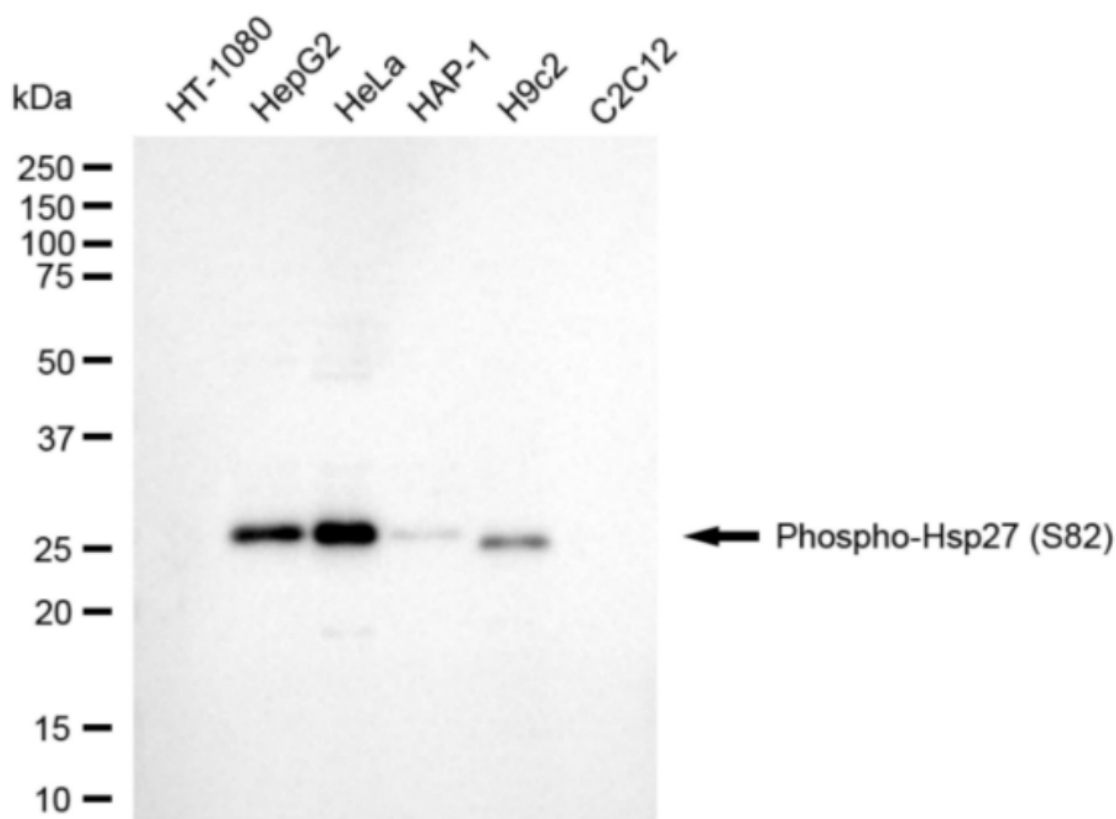
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Western blotting analysis using anti-phospho-Hsp27 (S82) antibody (Cat#3090). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-Hsp27 (S82) antibody (Cat#3090, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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