

Anti-HSPA5 Recombinant Rabbit Monoclonal Antibody



Catalog #: 4061

Aliases

HSPA5; Heat Shock Protein Family A (Hsp70) Member 5; GRP78; Heat Shock 70kDa Protein 5 (Glucose-Regulated Protein, 78kDa); Immunoglobulin Heavy Chain-Binding Protein; Heat Shock Protein 70 Family Protein 5; Heat Shock Protein Family A Member 5; Endoplasmic Reticulum Chaperone BiP; Glucose-Regulated Protein, 78kDa; 78 KDa Glucose-Regulated Protein; Binding-Immunoglobulin Protein; HSP70 Family Protein 5; BiP; BIP; Heat Shock 70kD Protein 5 (Glucose-Regulated Protein, 78kD); Endoplasmic Reticulum Luminal Ca(2+)-Binding; Protein Grp78; Epididymis Secretory Sperm Binding Protein Li 89n; EC 3.6.4.10; HEL-S-89n; GRP-78

Background

Gene Name: HSPA5

NCBI Gene Entry: [3309](#)

UniProt Entry: [P11021](#)

Application Information

Molecular Weight: Predicted, 72 kDa; observed, 72 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB9395

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM)

Immunogen

A synthesized peptide derived from human GRP78 BiP

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

Flow Cytometry (FCM): 1:2,000

SUPPORT

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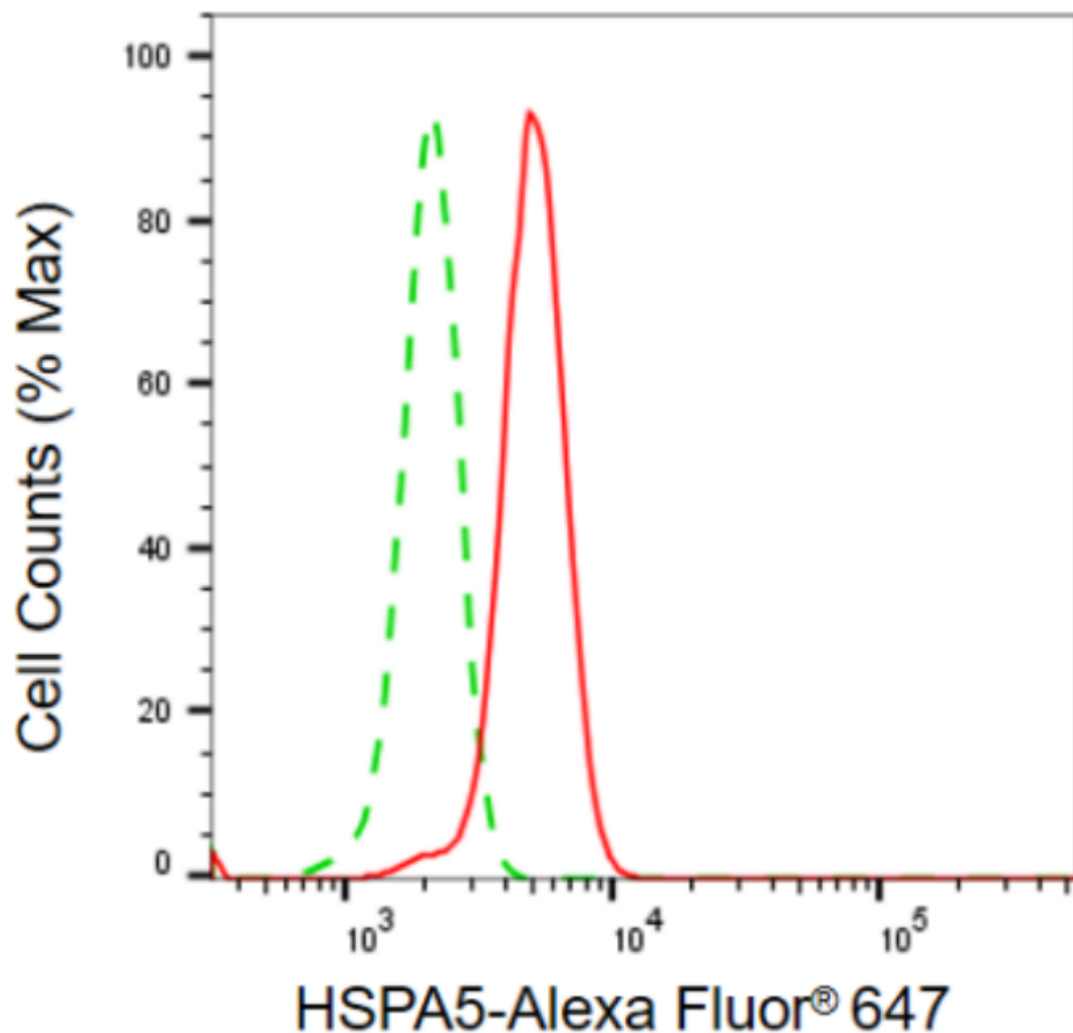
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Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of HSPA5 expression in HepG2 cells using anti-HSPA5 antibody (Cat#4061, 1:2,000). Green, isotype control; red, HSPA5.

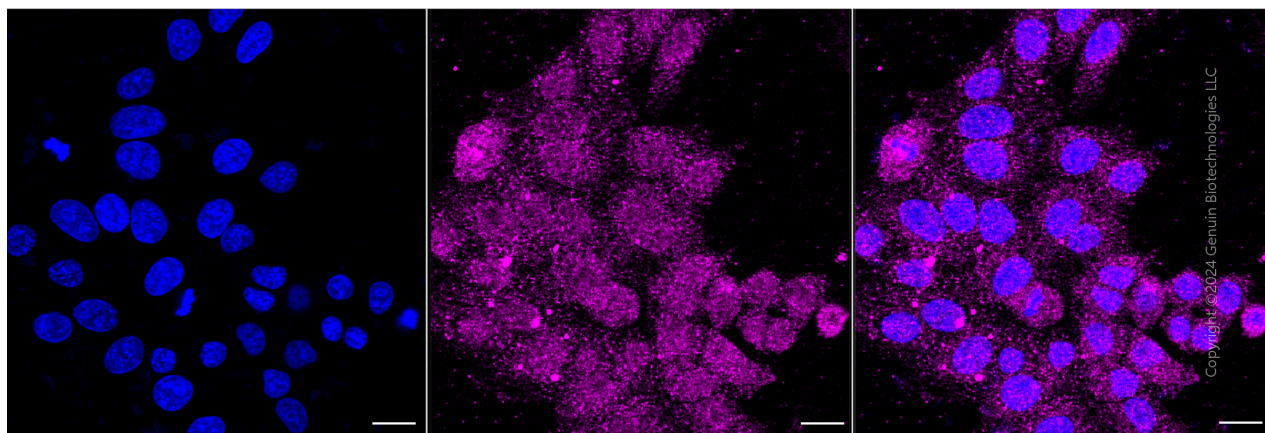
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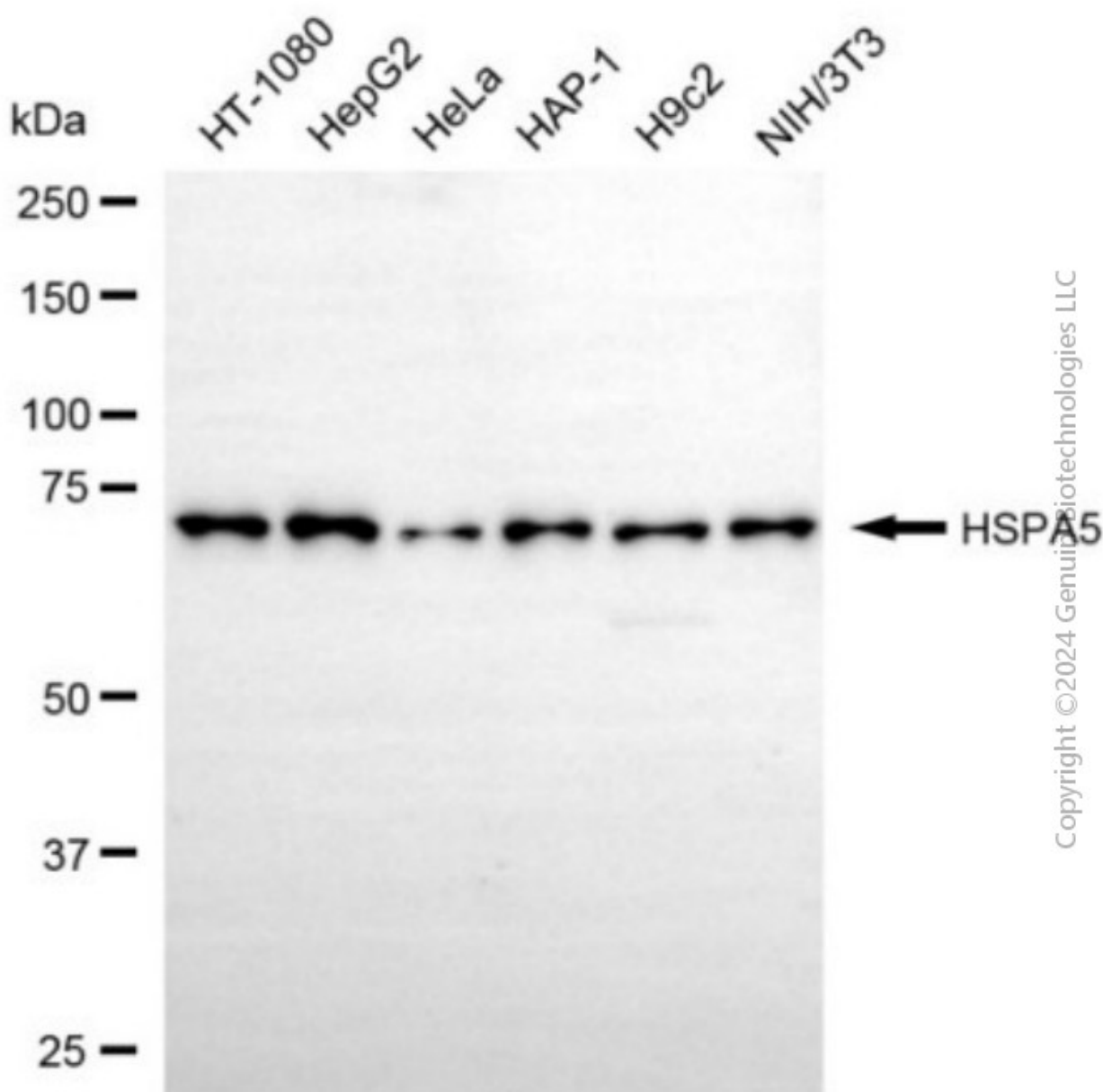
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Immunocytochemical staining of HepG2 cells with anti-HSPA5 antibody (Cat#4061, 1:1,000). Nuclei were stained blue with DAPI; HSPA5 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-HSPA5 antibody (Cat#4061). 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#4061, 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).