

KD-Validated Anti-DNAJA1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 61638

Aliases

DNAJA1; DnaJ Heat Shock Protein Family (Hsp40) Member A1; HSPF4; Hdj-2; NEDD7; Dj-2; HSJ2; Neural Precursor Cell Expressed, Developmentally Down-Regulated 7; DnaJ (Hsp40) Homolog, Subfamily A, Member 1; DnaJ Homolog Subfamily A Member 1; Heat Shock 40 KDa Protein 4; DnaJ Protein Homolog 2; Heat Shock Protein J2; Human DnaJ Protein 2; HSJ-2; HDJ2; HSDJ; Heat Shock Protein, DNAJ-Like 2; DNAJ2; HDj-2; DjA1

Background

Gene Name: DNAJA1

NCBI Gene Entry: [3301](#)

UniProt Entry: [P31689](#)

Application Information

Molecular Weight: Predicted, 45 kDa; observed, 40 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB3100

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human DNAJA1

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

Immunocytochemistry (IC): 1:100-1:1,000

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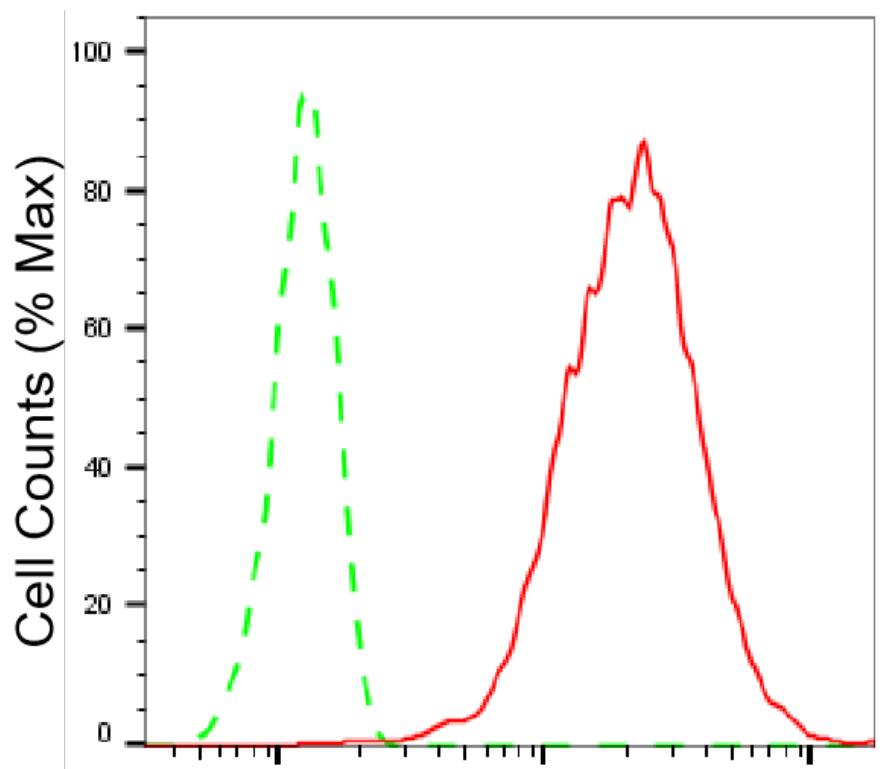
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PAGE 2

Note: This product is for research use only.

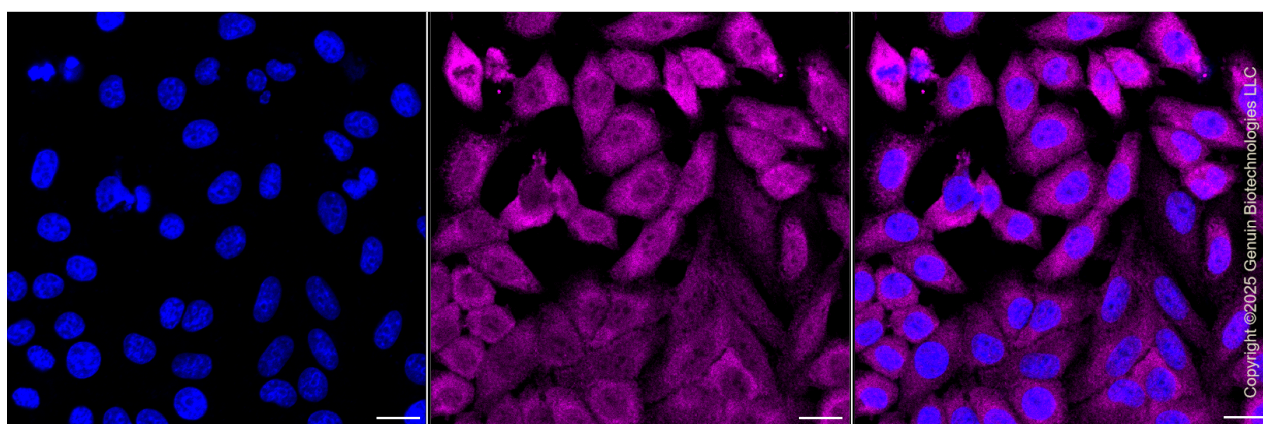
Validation Data



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DNAJA1-Alexa Fluor® 647

Flow cytometric analysis of DNAJA1 expression in HepG2 cells using anti-DNAJA1 antibody (Cat#61638, 1:2,000). Green, isotype control; red, DNAJA1.



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Immunocytochemical staining of HepG2 cells with anti-DNAJA1 antibody (Cat#61638, 1:1,000). Nuclei were stained blue with DAPI; DNAJA1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart

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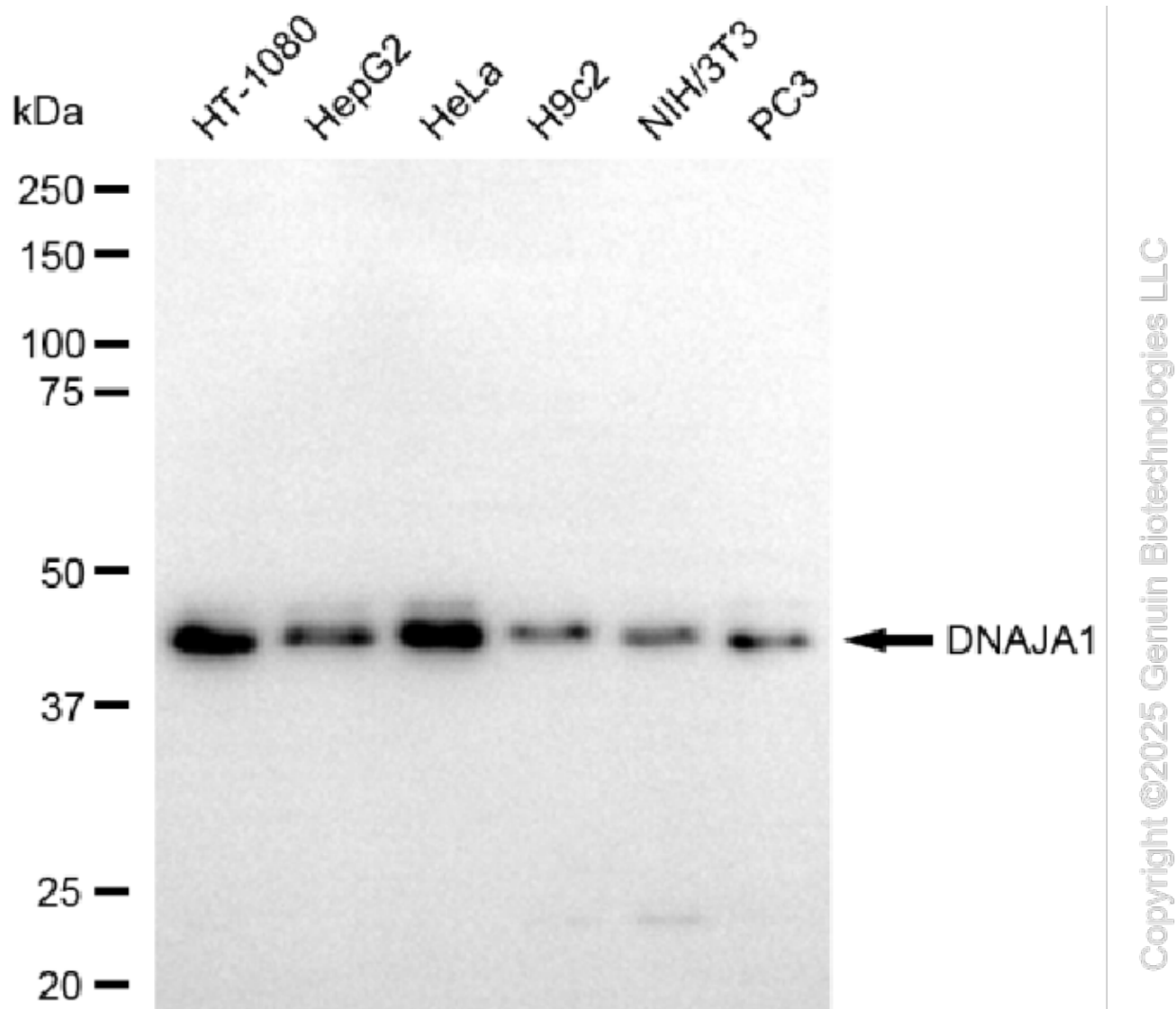
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PAGE 3

gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-DNAJA1 antibody (Cat#61638). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DNAJA1 antibody (Cat#61638, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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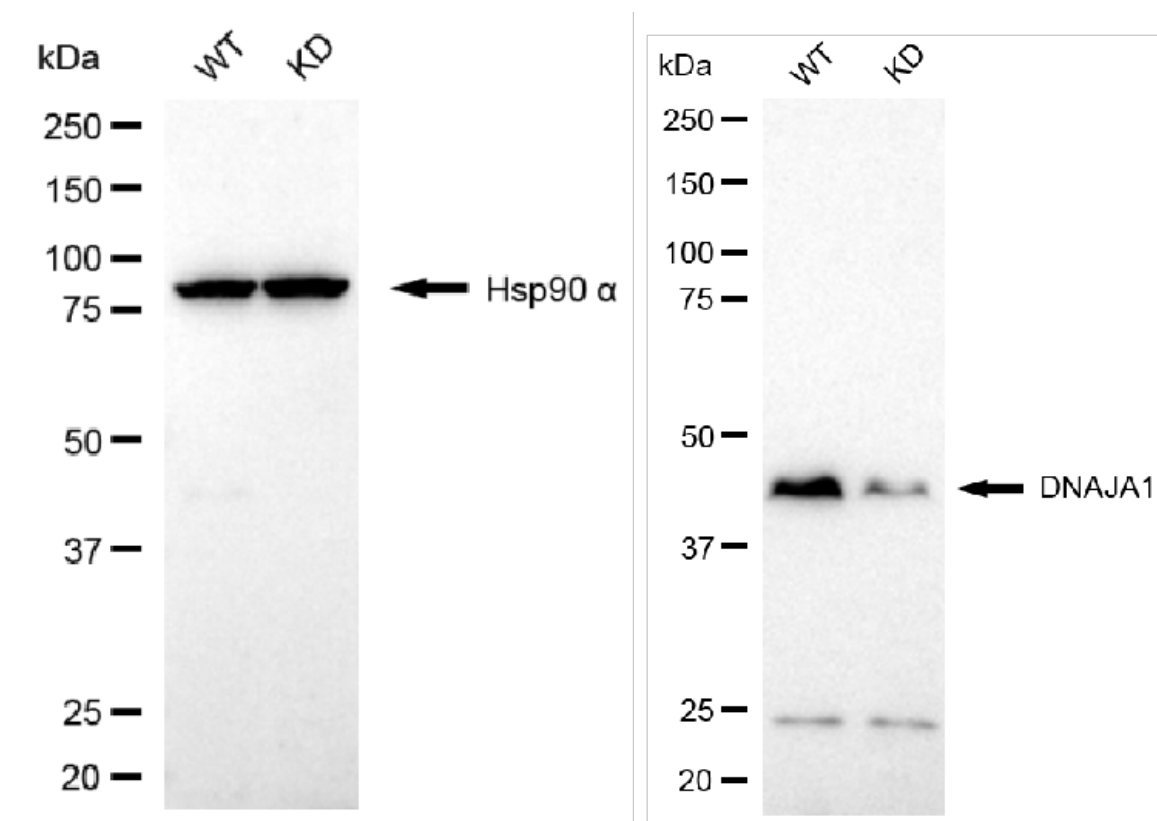
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PAGE 4



Western blotting analysis using anti-DNAJA1 antibody (Cat#61638). DNAJA1 expression in wild-type (WT) and DNAJA1 knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-DNAJA1 antibody (Cat#61638, 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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