

# KD-Validated Anti-DNAJB1 Mouse Monoclonal Antibody



**Catalog #: 63641**

## Aliases

DNAJB1; DnaJ Heat Shock Protein Family (Hsp40) Member B1; RSPH16B; Hsp40; HSPF1; Sis1; DnaJ (Hsp40) Homolog, Subfamily B, Member 1; DnaJ Homolog Subfamily B Member 1; Heat Shock 40 KDa Protein 1; DnaJ Protein Homolog 1; Human DnaJ Protein 1; Radial Spoke 16 Homolog B (Chlamydomonas); Radial Spoke 16 Homolog B; Heat Shock Protein 40; DNAJ1; HSP40; HDj-1; Hdj1; HDJ1

## Background

Gene Name: DNAJB1

NCBI Gene Entry: [3337](#)

UniProt Entry: [P25685](#)

## Application Information

Molecular Weight: Predicted, 38 kDa; observed, 38 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB6700

Species Reactivity: Human, mouse, rat

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

## Immunogen

Recombinant protein of human DNAJB1

## Isotype

Mouse IgG2b

## 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

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### SUPPORT

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### ORDERS

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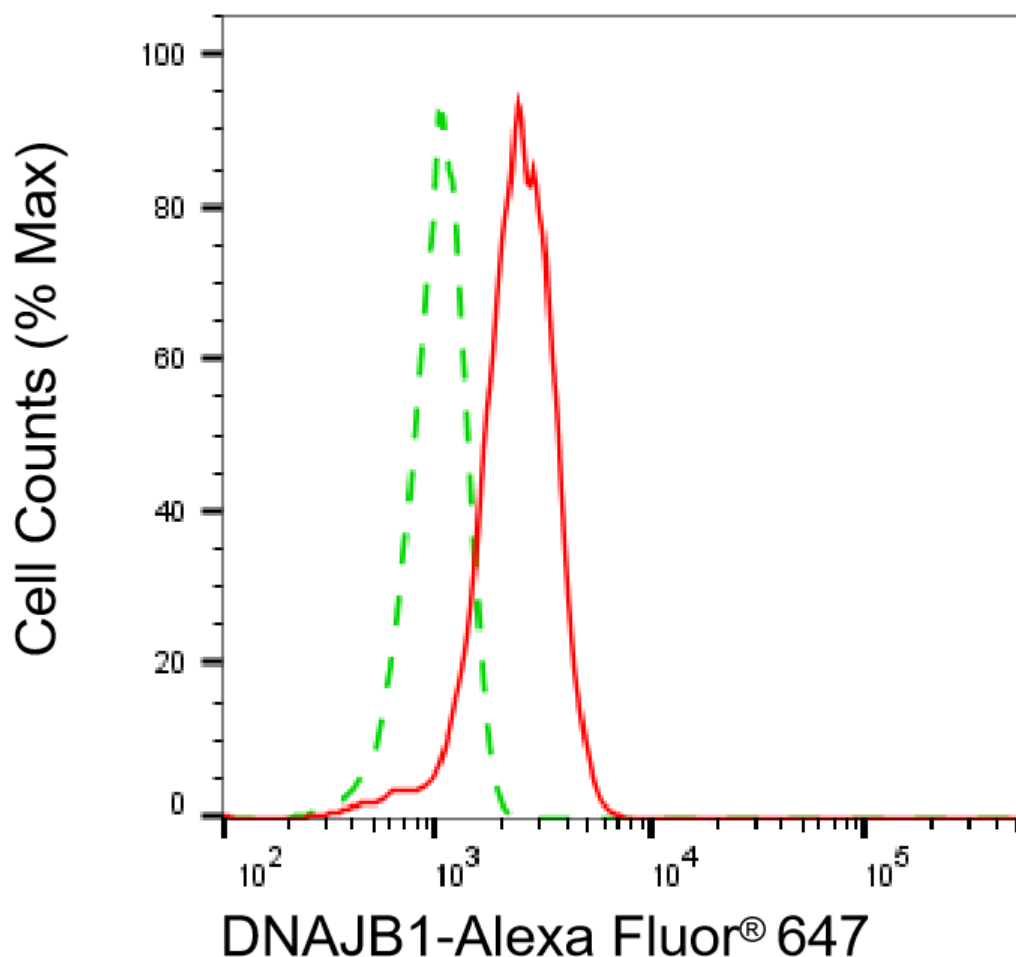
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**Note:** This product is for research use only.

### Validation Data



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Flow cytometric analysis of DNAJB1 expression in HepG2 cells using anti-DNAJB1 antibody (Cat#63641, 1:2,000). Green, isotype control; red, DNAJB1.

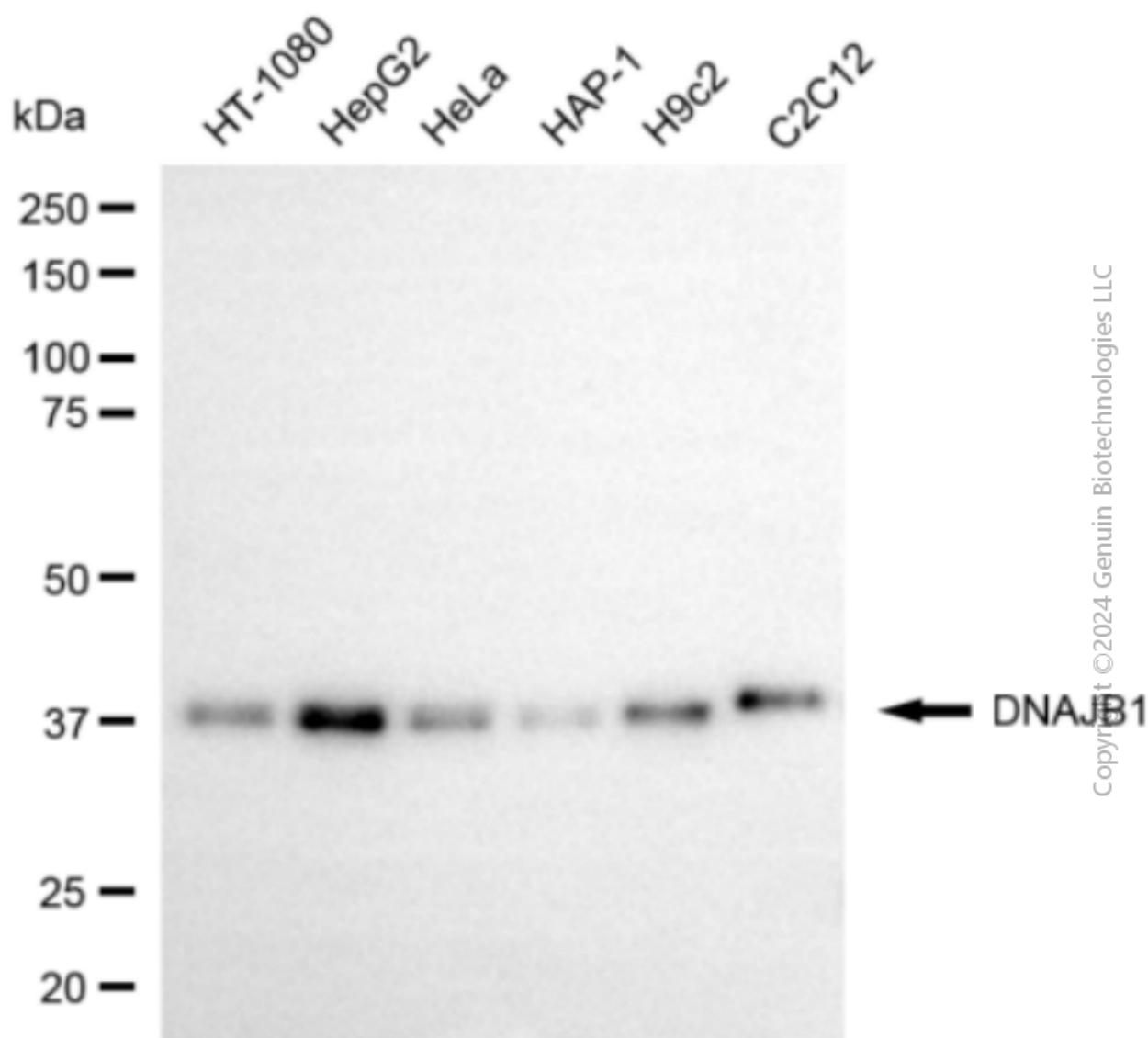
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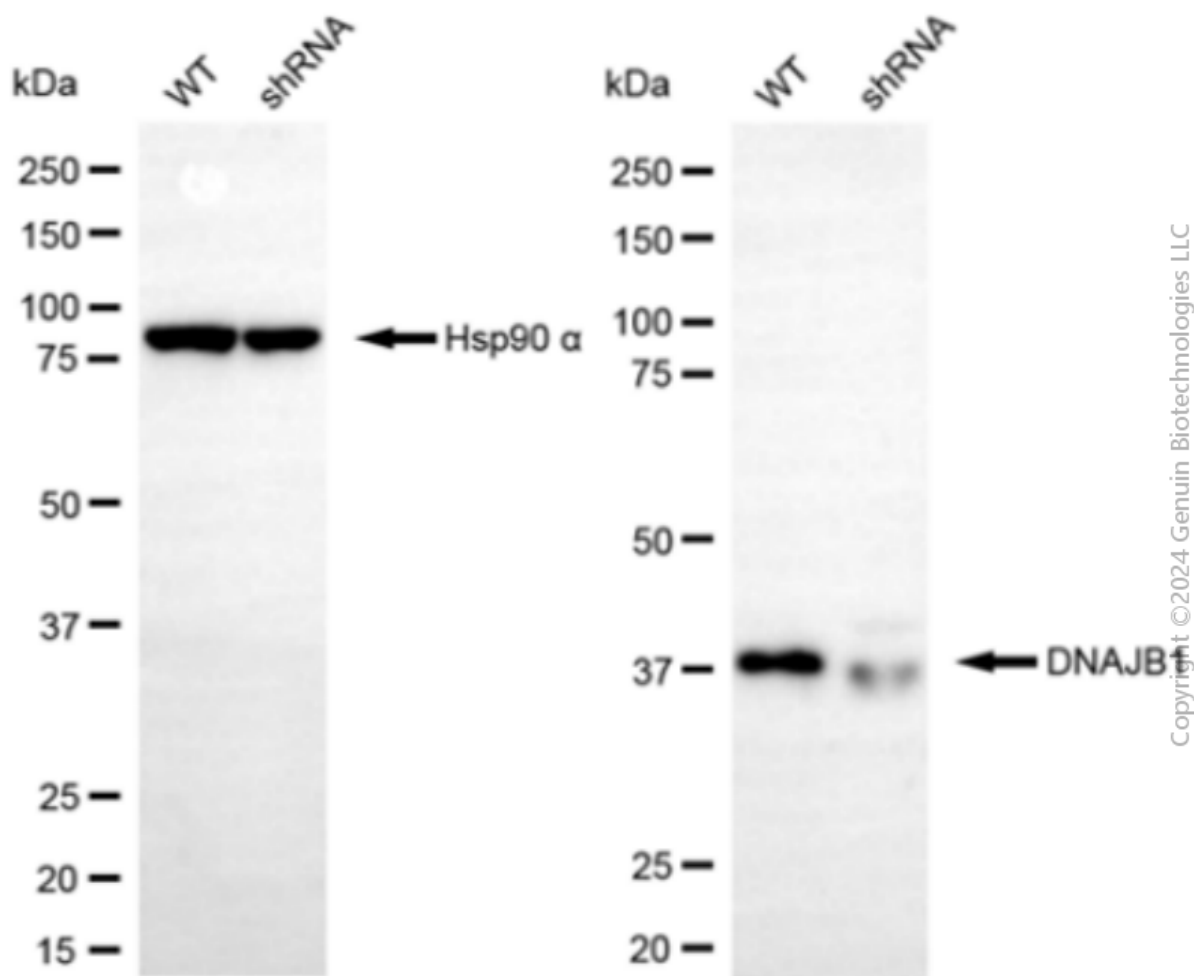
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Western blotting analysis using anti-DNAJB1 antibody (Cat#63641). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DNAJB1 antibody (Cat#63641, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-DNAJB1 antibody (Cat#63641). DNAJB1 expression in wild type (WT) and DNAJB1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-DNAJB1 antibody (Cat#63641, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).