

KD-Validated Anti-BUB3 Mitotic Checkpoint Protein Recombinant Rabbit Monoclonal



Catalog #: 61632

Aliases

BUB3; BUB3 Mitotic Checkpoint Protein; BUB3L; Mitotic Checkpoint Protein BUB3; BUB3 (Budding Uninhibited By Benzimidazoles 3, Yeast) Homolog; Budding Uninhibited By Benzimidazoles 3 Homolog (Yeast); BUB3 Budding Uninhibited By Benzimidazoles 3 Homolog; Budding Uninhibited By Benzimidazoles 3 Homolog; Testicular Tissue Protein Li 27; Budding Uninhibited By Benomyl; Mitotic Checkpoint Component; HBUB3

Background

Gene Name: BUB3

NCBI Gene Entry: [9184](#)

UniProt Entry: [O43684](#)

Application Information

Molecular Weight: Predicted, 37 kDa, observed, 40 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB3085

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Bub3

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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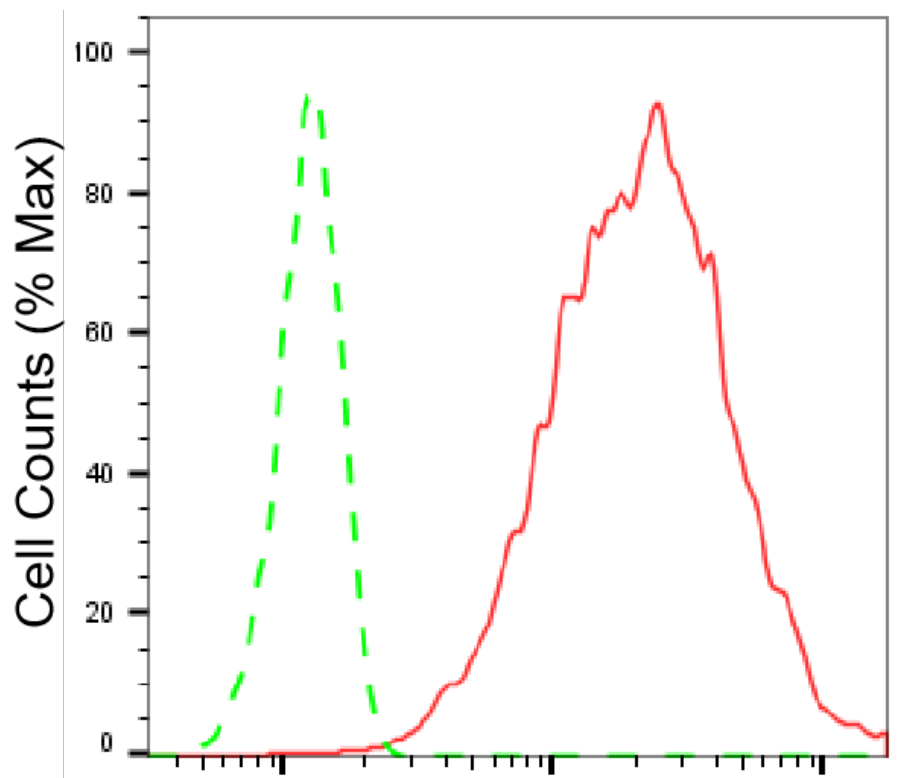
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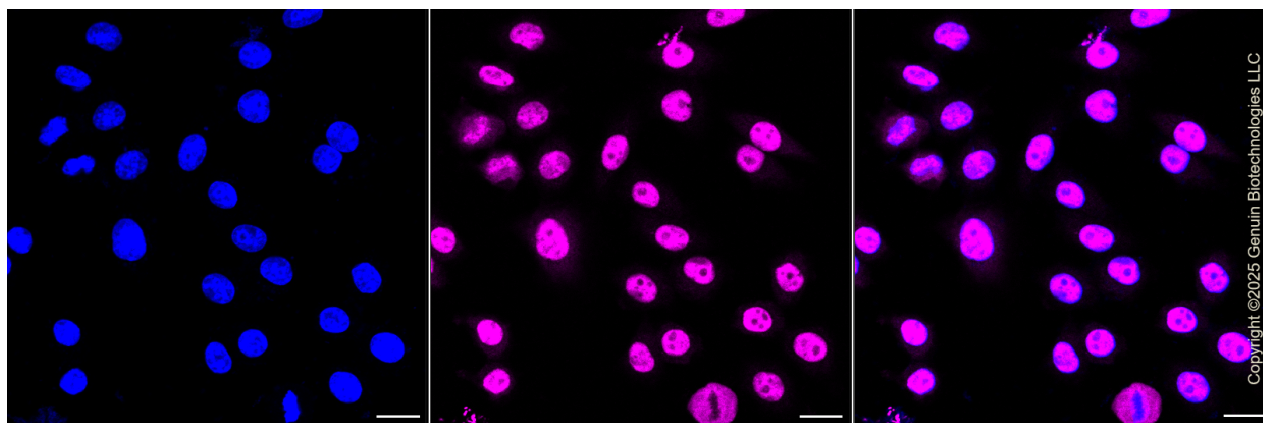
Note: This product is for research use only.

Validation Data



BUB3-Alexa Fluor® 647

Flow cytometric analysis of BUB3 expression in HepG2 cells using anti-BUB3 antibody (Cat#61632, 1:2,000). Green, isotype control; red, BUB3.



Immunocytochemical staining of HepG2 cells with anti-BUB3 antibody (Cat#61632, 1:1,000). Nuclei were stained blue with DAPI; BUB3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain:

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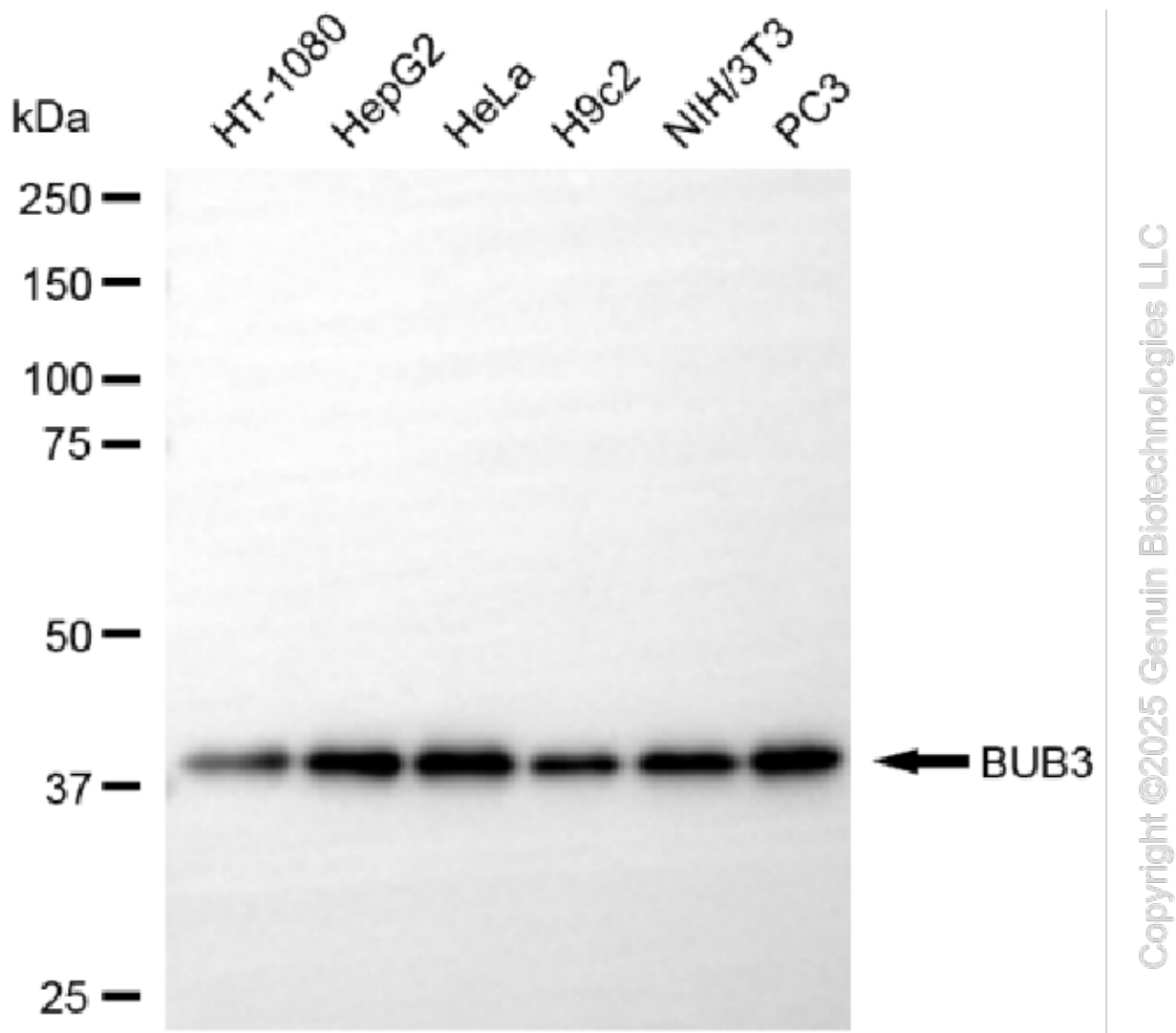
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Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-BUB3 antibody (Cat#61632). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-BUB3 antibody (Cat#61632, 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).

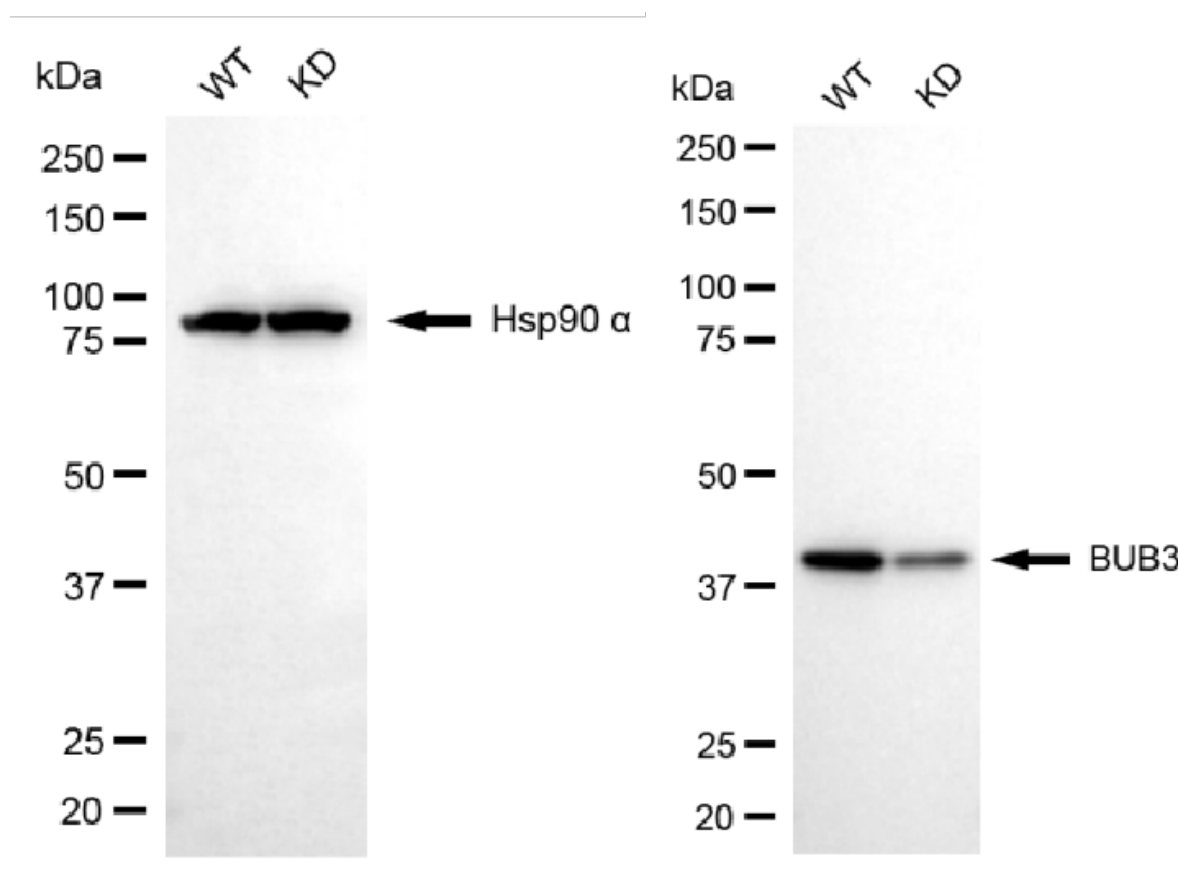
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Western blotting analysis using anti-BUB3 antibody (Cat#61632). BUB3 expression in wild type (WT) and BUB3 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-BUB3 antibody (Cat#61632, 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).