

Anti-BUB1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 3014

Aliases

BUB1; BUB1 Mitotic Checkpoint Serine/Threonine Kinase; HBUB1; BUB1A; BUB1L; Mitotic Checkpoint Serine/Threonine-Protein Kinase BUB1; Budding Uninhibited By Benzimidazoles 1 (Yeast Homolog); Budding Uninhibited By Benzimidazoles 1 Homolog (Yeast); BUB1 Budding Uninhibited By Benzimidazoles 1 Homolog; Budding Uninhibited By Benzimidazoles 1 Homolog; Putative Serine/Threonine-Protein Kinase; Mitotic Spindle Checkpoint Kinase; EC 2.7.11.1; MCPH30

Background

Gene Name: BUB1

NCBI Gene Entry: [699](#)

UniProt Entry: [O43683](#)

Application Information

Molecular Weight: Predicted, 122 kDa; observed, 130 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB3635

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human Bub1

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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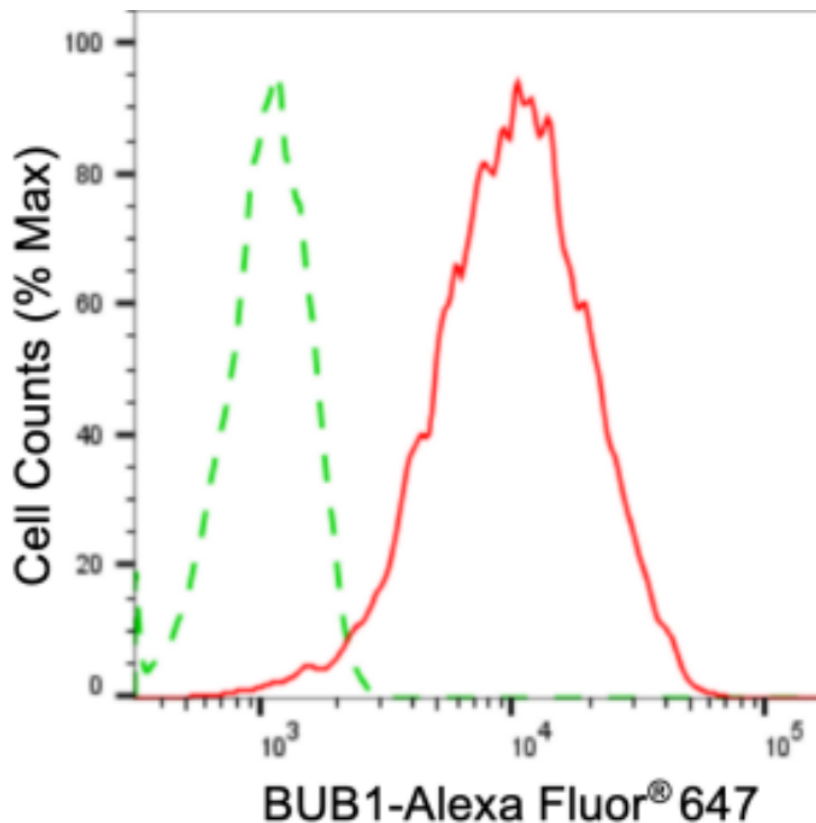
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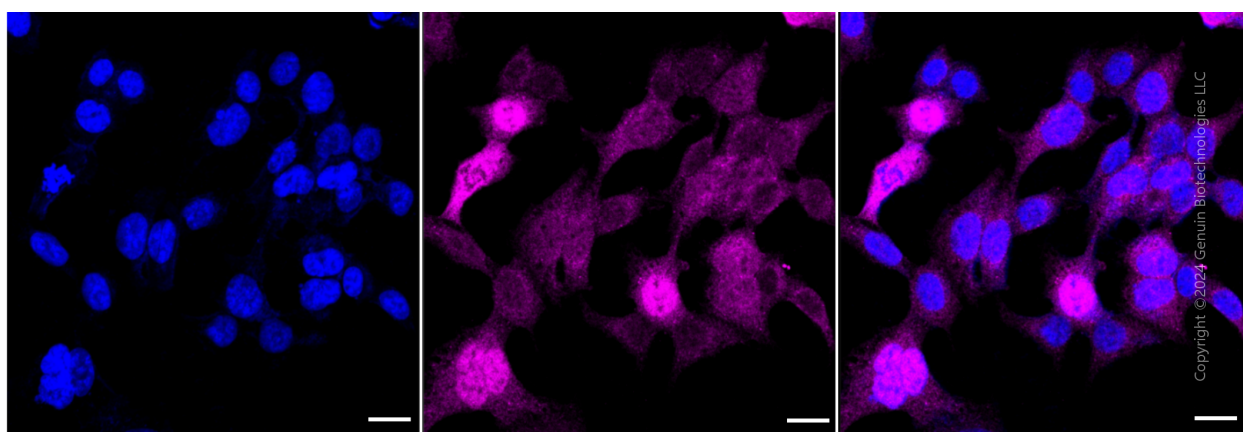
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Validation Data



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Flow cytometric analysis of BUB1 expression in HAP-1 cells using anti-BUB1 antibody (Cat#3014, 1:2,000). Green, isotype control; red, BUB1.



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Immunocytochemical staining of HAP-1 with anti-BUB1 antibody (Cat#3014, 1:1,000). Nuclei were stained blue with DAPI; BUB1 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 µm.

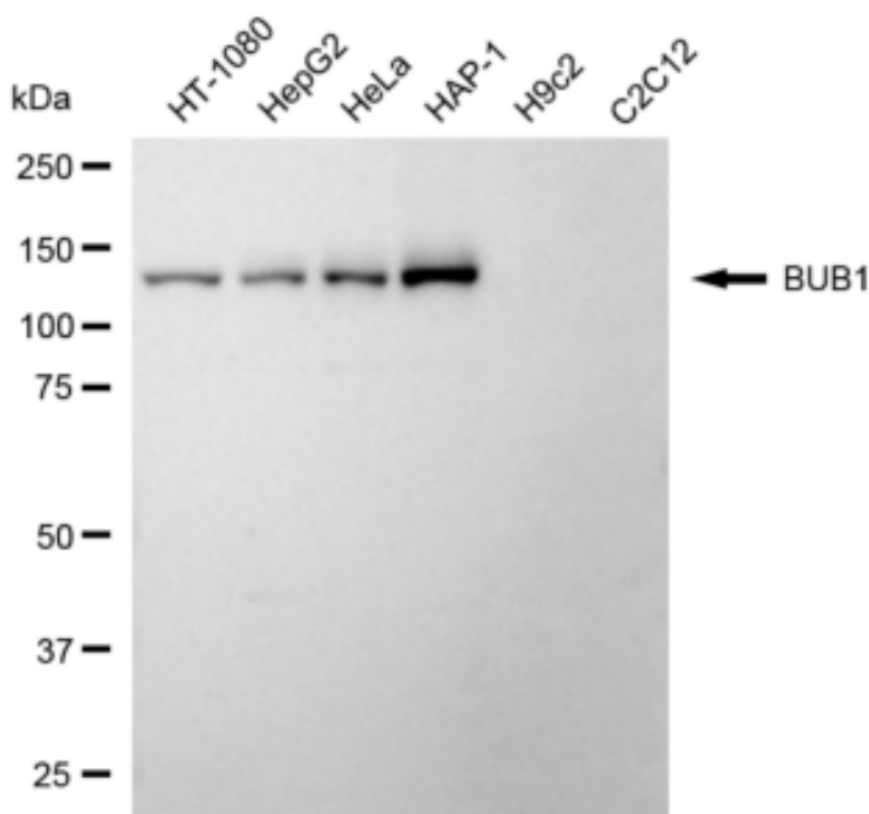
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Western blotting analysis using anti-BUB1 antibody (Cat#3014). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-BUB1 antibody (Cat#3014, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).