9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-BubR1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2337

Product Overview

Name	KD-Validated Anti-BubR1 Rabbit Monoclonal Antibody
Accession(Primary)	O60566
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human BubR1
Species Reactivity	Human
Calculated MW	Predicted, 120 kDa ; Observed, 120 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000 Flow cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (O60566)

Gene Name	BUB1B
About Gene Symbol	BUB1B (BUB1 Mitotic Checkpoint Serine/Threonine Kinase B) is a serine/threonine protein kinase involved in cell cycle regulation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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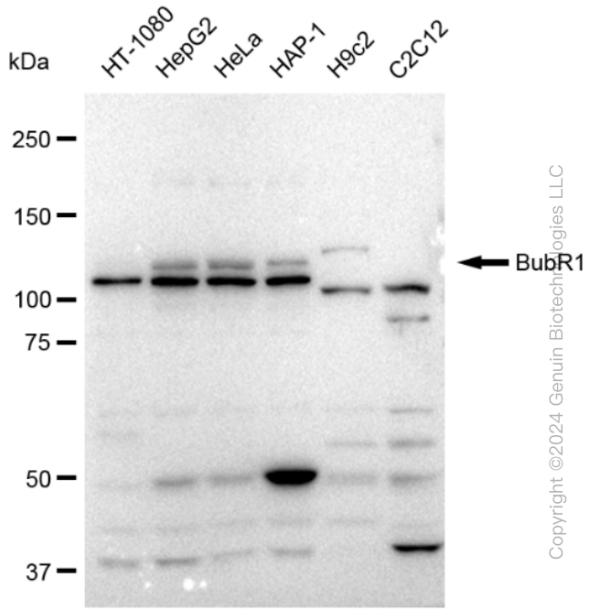

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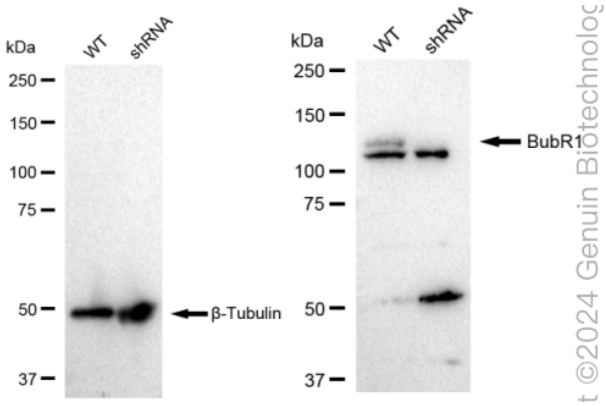
Western blotting analysis using anti-BubR1 antibody (Cat#ABG2337). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-BCL11 transcription factor B antibody (Cat#ABG2337, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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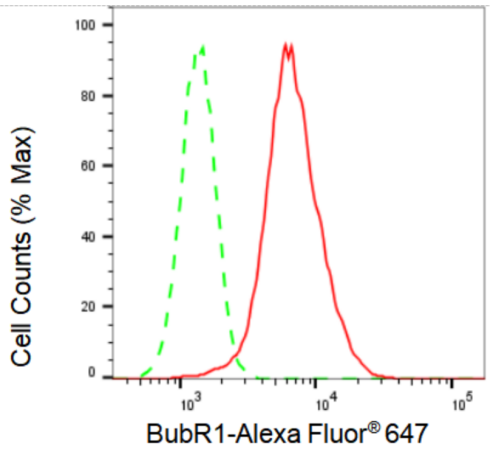
Western blotting analysis using anti-BubR1 antibody (Cat#ABG2337). BubR1 expression in wild type (WT) and BubR1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-BubR1 antibody (Cat#ABG2337, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of BubR1 expression in HepG2 cells using BubR1 antibody (Cat#ABG2337, 1:2,000). Green, isotype control; red, BubR1.

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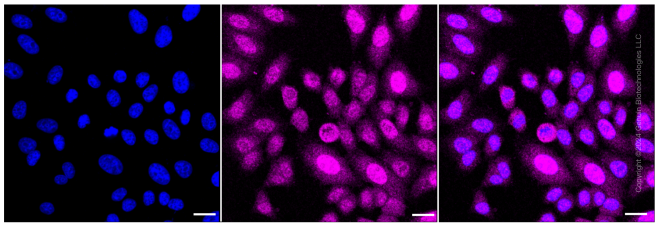

Immunocytochemical staining of HepG2 cells with BubR1 antibody (Cat#ABG2337, 1:1,000). Nuclei were stained blue with DAPI; BubR1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.