

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

Rabbit monoclonal antibody

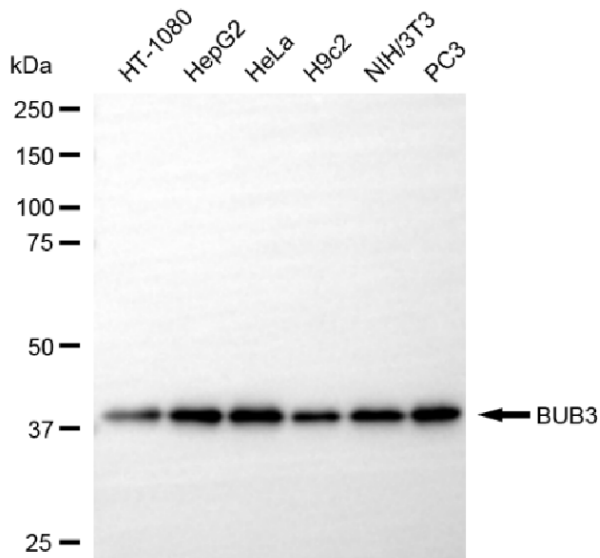
ABG1359

Product Overview

Name	KD-Validated Anti-BUB3 Mitotic Checkpoint Protein Rabbit Monoclonal Antibody
Accession(Primary)	O43684
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Bub3
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 37 kDa; observed, 40 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

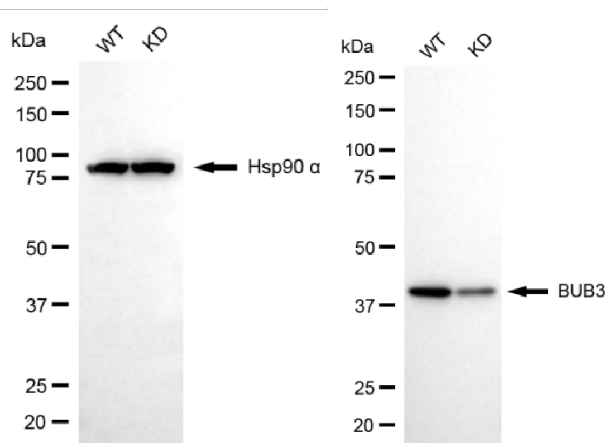
Target information (O43684)

Gene Name	BUB3
About Gene Symbol	BUB3 (BUB3 Mitotic Checkpoint Protein) is a protein kinase and signaling regulator 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



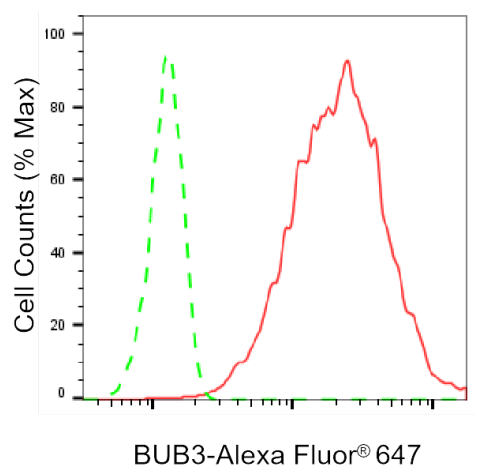
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Western blotting analysis using anti-BUB3 antibody (Cat#ABG1359). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-BUB3 antibody (Cat#ABG1359, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



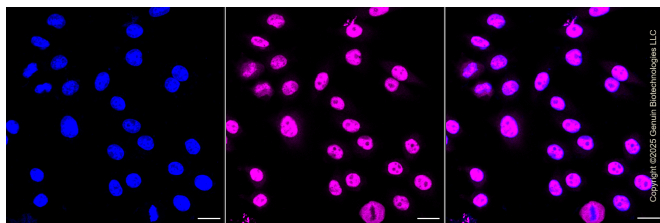
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Western blotting analysis using anti-BUB3 antibody (Cat#ABG1359). BUB3 expression in wild type (WT) and BUB3 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-BUB3 antibody (Cat#ABG1359, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of BUB3 expression in HepG2 cells using anti-BUB3 antibody (Cat#ABG1359, 1:2,000). Green, isotype control; red, BUB3.



Immunocytochemical staining of HepG2 cells with anti-BUB3 antibody (Cat#ABG1359, 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: Medium. Scale bar, 20 μ m.