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

KD-Validated Anti-Lamin B2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1248

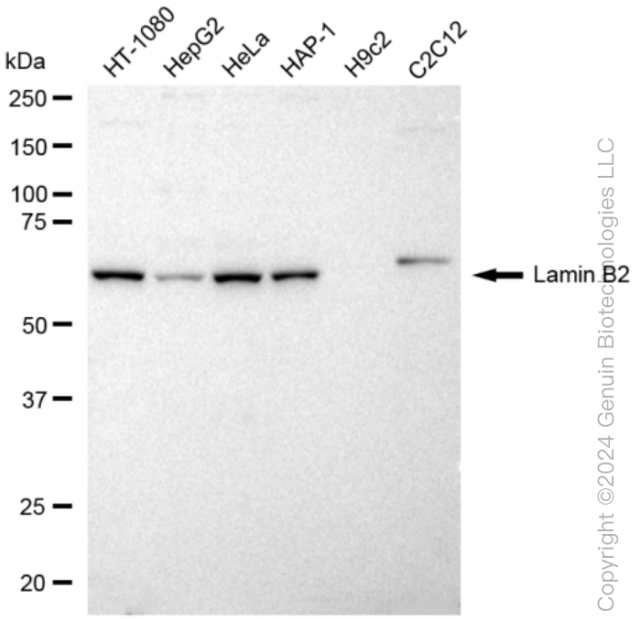
Product Overview

Name	KD-Validated Anti-Lamin B2 Rabbit Monoclonal Antibody
Accession(Primary)	Q03252
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Lamin B2
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 68 kDa , observed, 68 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): 1:1,000

Target information (Q03252)

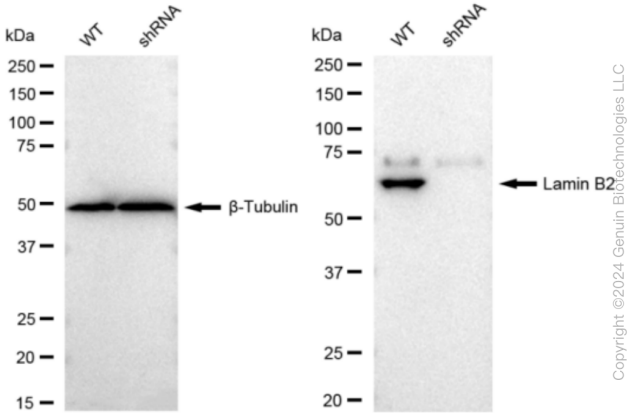
Gene Name	LMNB2
About Gene Symbol	LMNB2 (Lamin B2) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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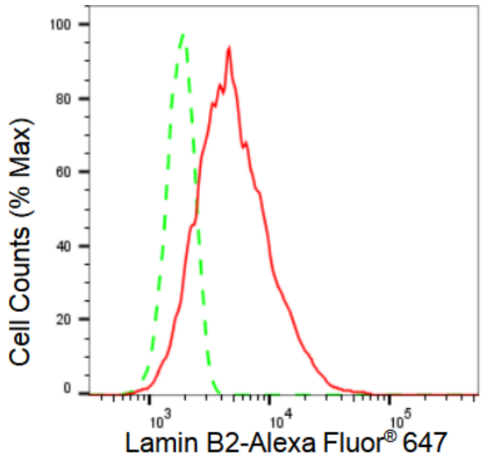
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Western blotting analysis using anti-Lamin B2 antibody (Cat#ABG1248). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Lamin B2 antibody (Cat#ABG1248, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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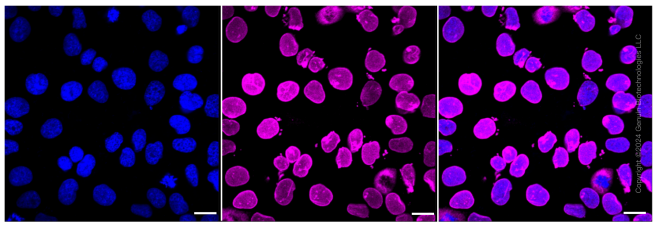
Western blotting analysis using anti-Lamin B2 antibody (Cat#ABG1248). Lamin B2 expression in wild type (WT) and lamin B2 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-Lamin B2 antibody (Cat#ABG1248, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Lamin B2 expression in HT-1080 cells using Lamin B2 antibody (Cat#ABG1248, 1:2,000). Green, isotype control; red, Lamin B2.

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Immunocytochemical staining of HT-1080 cells with Lamin B2 antibody (Cat#ABG1248, 1:1,000). Nuclei were stained blue with DAPI; Lamin B2 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.