9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

KD-Validated Anti-DDB1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1091

Product Overview

Name	KD-Validated Anti-DDB1 Rabbit Monoclonal Antibody
Accession(Primary)	Q16531
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human DDB1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 127 kDa , observed, 127 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:10,000-1:50,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q16531)

Gene Name	DDB1
About Gene Symbol	DDB1 (Damage Specific DNA Binding Protein 1) is an epigenetic and nuclear regulatory protein involved in DNA damage response and repair. It is an important research target in epigenetic regulation, chromatin biology, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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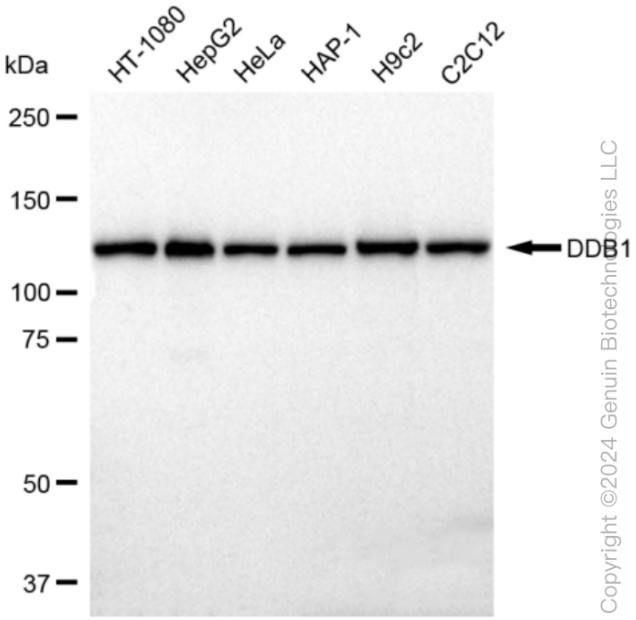

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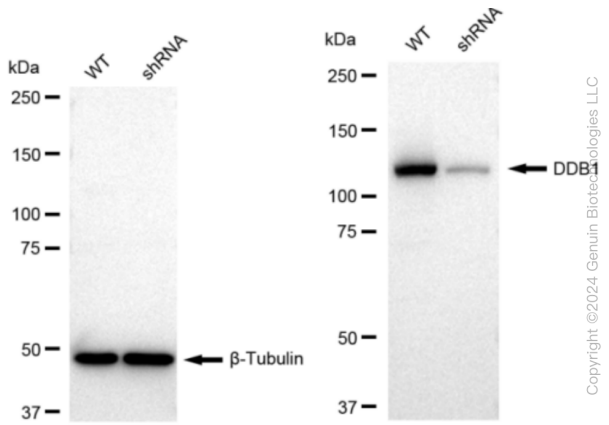
Western blotting analysis using anti-DDB1 antibody (Cat#ABG1091). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DDB1 antibody (Cat#ABG1091, 1:50,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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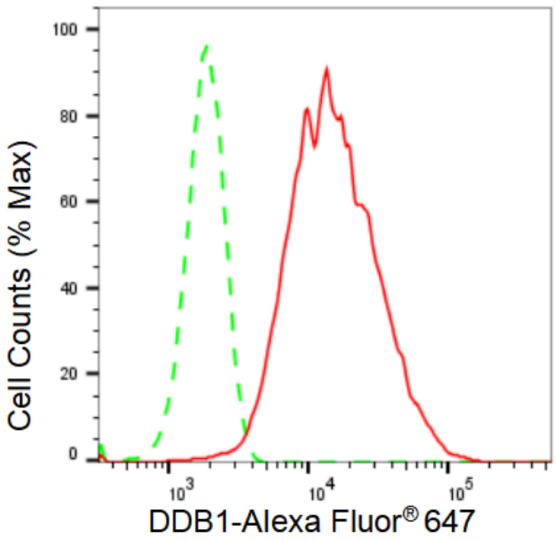
Western blotting analysis using anti-DDB1 antibody (Cat#ABG1091). DDB1 expression in wild type (WT) and DDB1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-DDB1 antibody (Cat#ABG1091, 1:50,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of DDB1 expression in HepG2 cells using DDB1 antibody (Cat#ABG1091, 1:2,000). Green, isotype control; red, DDB1.

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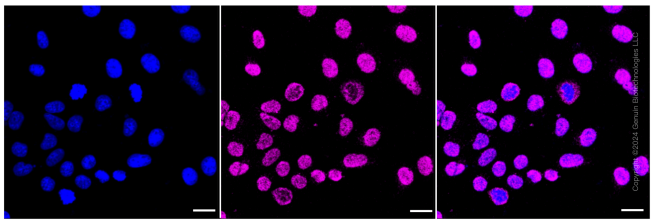

Immunocytochemical staining of HepG2 cells with DDB1 antibody (Cat#ABG1091, 1:1,000). Nuclei were stained blue with DAPI; DDB1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.