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

KD-Validated Anti-DDB2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1130

Product Overview

Name	KD-Validated Anti-DDB2 Rabbit Monoclonal Antibody
Accession(Primary)	Q92466
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human DDB2
Species Reactivity	Human
Calculated MW	Predicted, 48 kDa , observed, 45 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 (Q92466)

Gene Name	DDB2
About Gene Symbol	DDB2 (Damage Specific DNA Binding Protein 2) 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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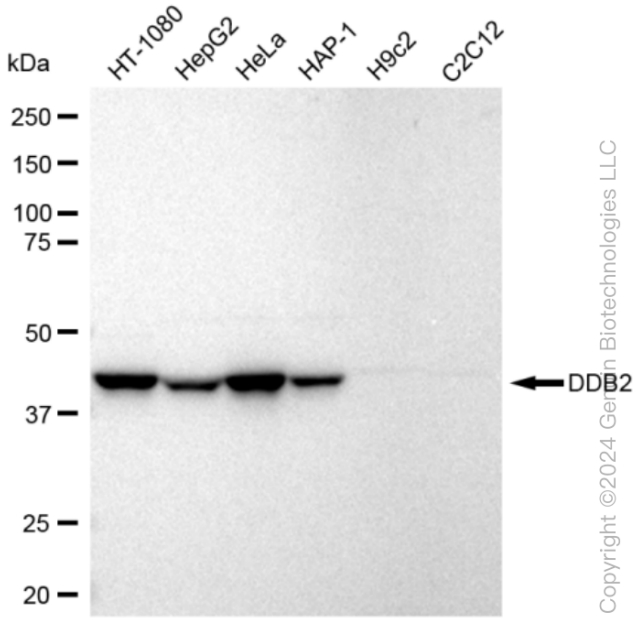

Western blotting analysis using anti-DDB2 antibody (Cat#ABG1130). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DDB2 antibody (Cat#ABG1130, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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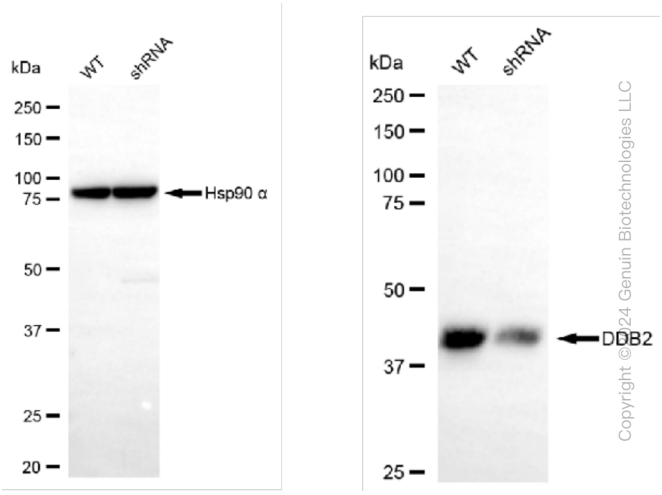

Western blotting analysis using anti-DDB2 antibody (Cat#ABG1130). DDB2 expression in wild type (WT) and DDB2 shRNA knockdown (KD) HeLa cells with 20 µg of Total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-DDB2 antibody (Cat#ABG1130, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.

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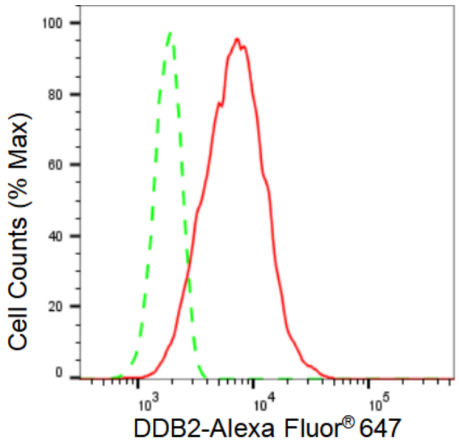

Flow cytometric analysis of DDB2 expression in HT-1080 cells using DDB2 antibody (Cat#ABG1130, 1:2,000). Green, isotype control; red, DDB2.

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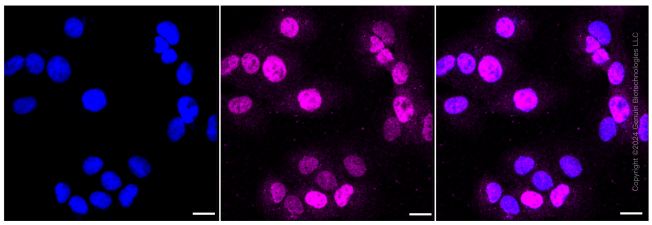

Immunocytochemical staining of HT-1080 cells with DDB2 antibody (Cat#ABG1130, 1:1,000). Nuclei were stained blue with DAPI; DDB2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.