Anti-DDB1 Recombinant Rabbit Monoclonal Antibody

Catalog #: 4567

Aliases

DDB1; Damage Specific DNA Binding Protein 1; Xeroderma Pigmentosum Group E-Complementing Protein ; UV-Damaged DNA-Binding Protein 1; UV-Damaged DNA-Binding Factor; DNA Damage-Binding Protein 1; DNA Damage-Binding Protein A; HBV X-Associated Protein 1; XPE-Binding Factor; DDB P127 Subunit; UV-DDB 1; XPE-BF; XAP-1; XAP1; Damage-Specific DNA Binding Protein 1 (127kD); Damage-Specific DNA Binding Protein 1, 127kDa; Damage-Specific DNA-Binding Protein 1; UV-DDB1; WHIKERS; DDBA; XPCE; DDBa; XPCe; XPE

Background

Gene Name: DDB1
NCBI Gene Entry: 1642
UniProt Entry: Q16531

Application Information

Molecular Weight: Predicted, 127 kDa; observed, 127 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB11860
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human DDB1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:10,000-1:50,000
Flow Cytometry (FCM): 1:2,000

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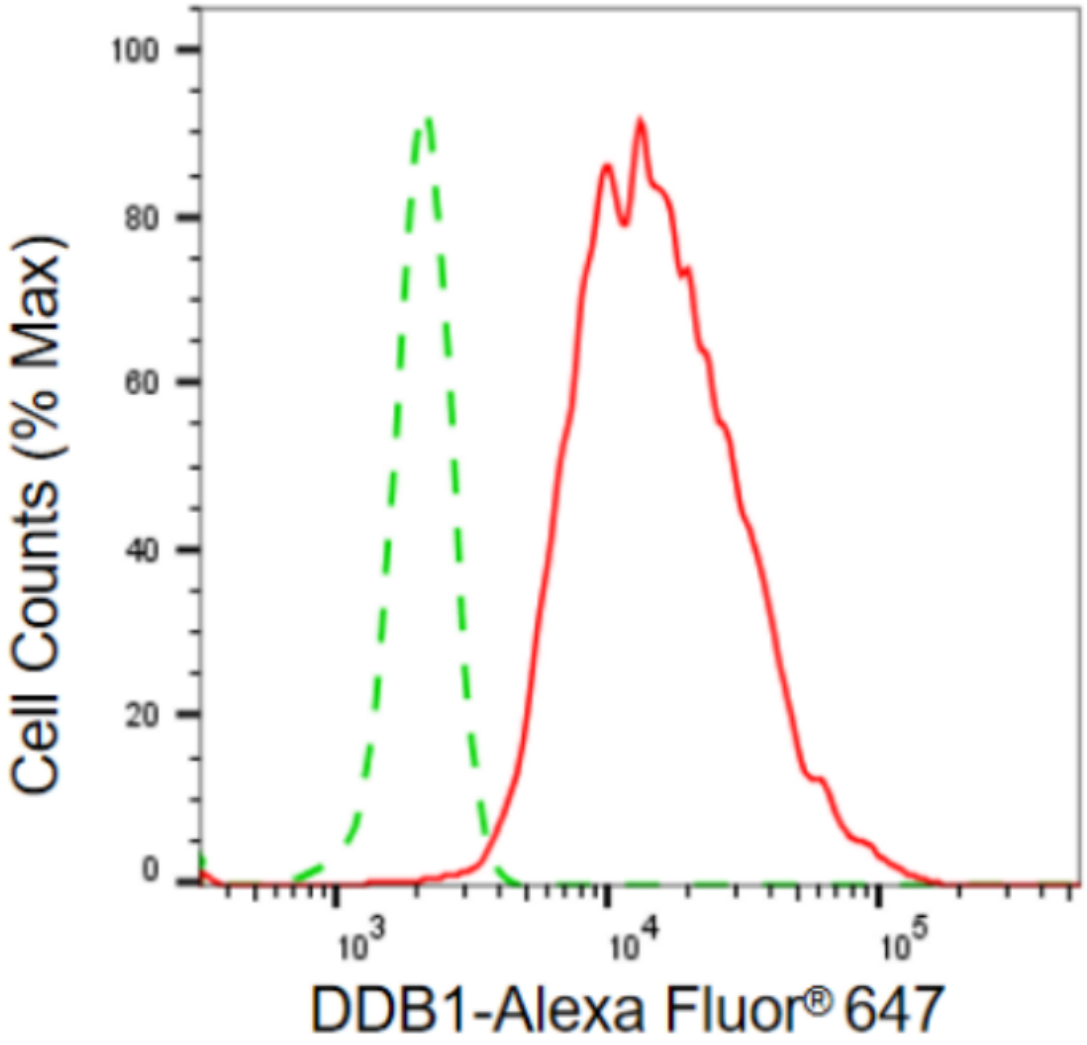
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data



Flow cytometric analysis of DDB1 expression in HepG2 cells using anti-DDB1 antibody (Cat#4567, 1:2,000). Green, isotype control; red, DDB1.

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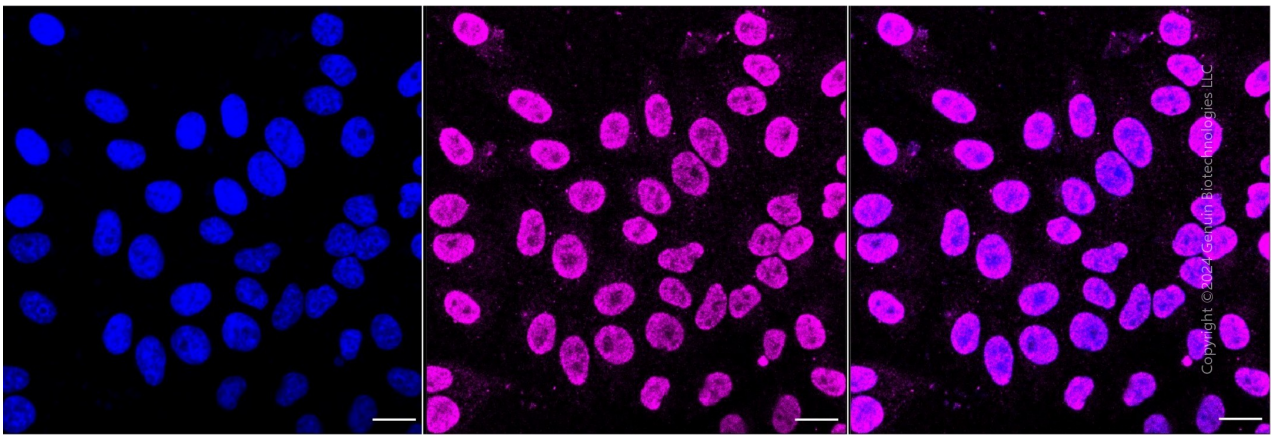
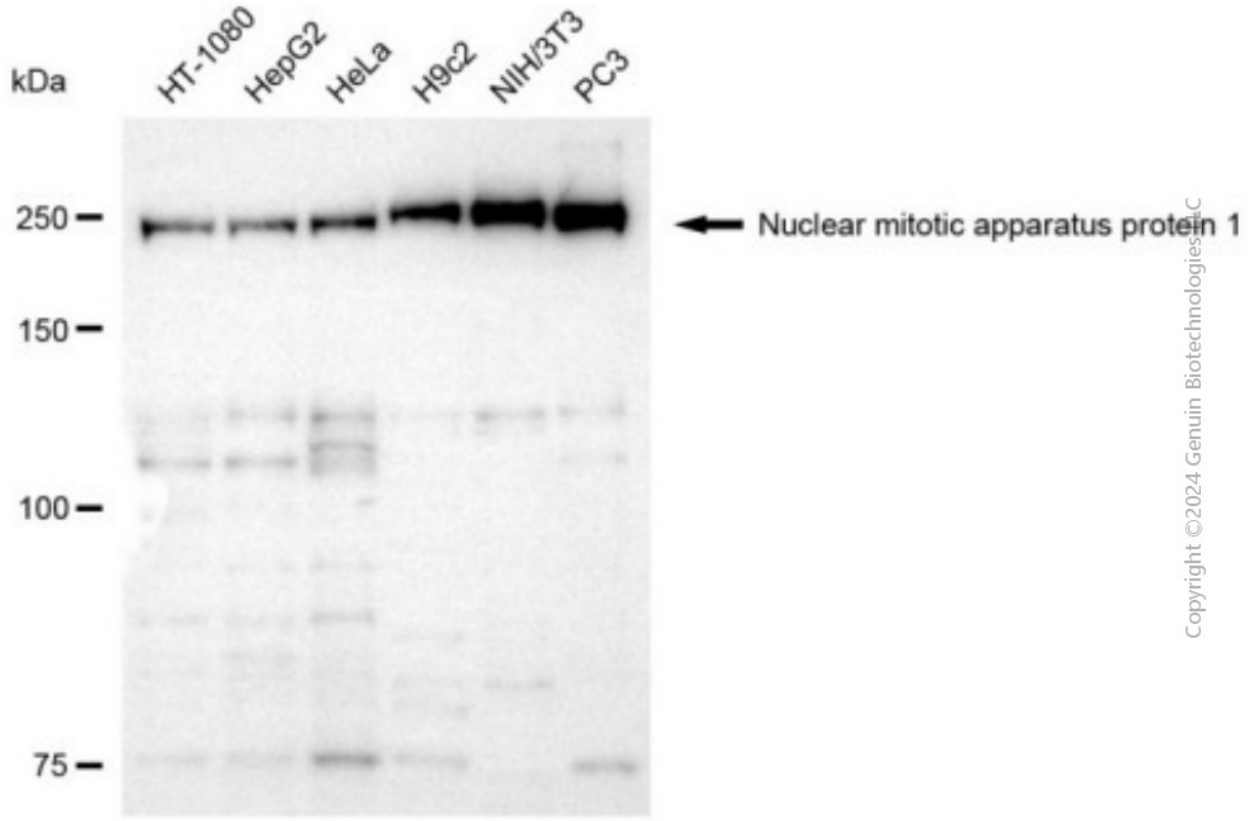


Immunocytochemical staining of HepG2 cells with anti-DDB1 antibody (Cat#4567, 1:1,000). Nuclei were stained blue with DAPI; DDB1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Western blotting analysis using anti-DDB1 antibody (Cat#4567). 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#4567, 1:50,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).