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

KD-Validated Anti-Ku70 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1493

Product Overview

Name	KD-Validated Anti-Ku70 Rabbit Monoclonal Antibody
Accession(Primary)	P12956
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Ku70
Species Reactivity	Human
Calculated MW	Predicted, 70 kD a , observed, 70 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): 1:100-1:1,000

Target information (P12956)

Gene Name	XRCC6
About Gene Symbol	XRCC6 (X-Ray Repair Cross Complementing 6) is an ATP-dependent DNA helicase involved in DNA damage response and repair and adaptive immunity. It is an important research target in autoimmune disease and is widely studied to elucidate cellular mechanisms a

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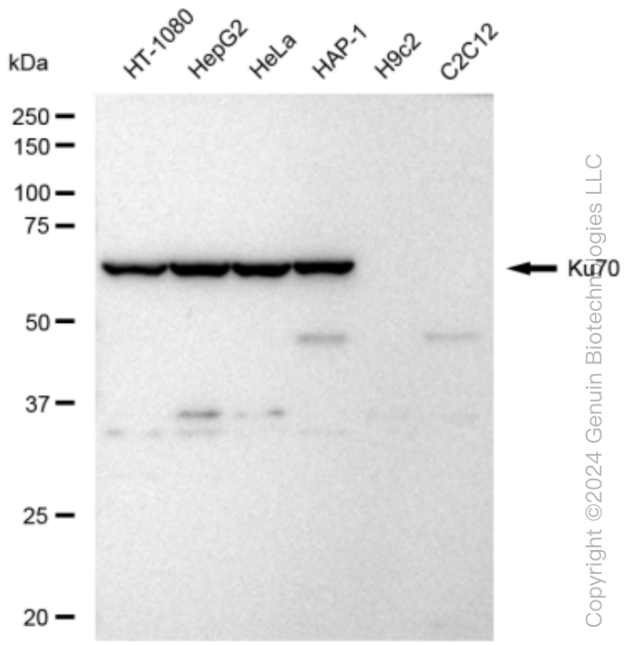

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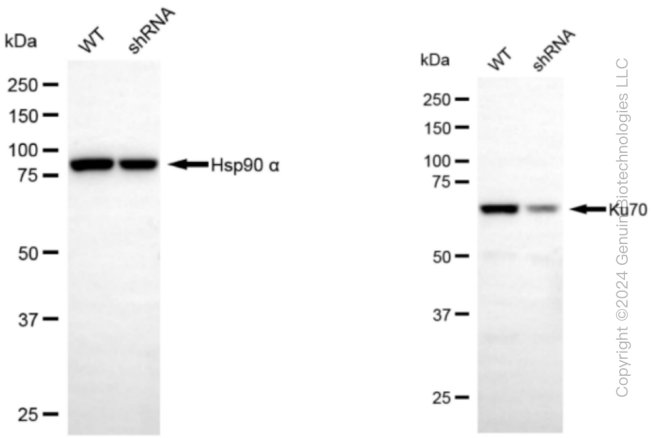
Western blotting analysis using anti-Ku70 antibody (Cat#ABG1493). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Ku70 antibody (Cat#ABG1493, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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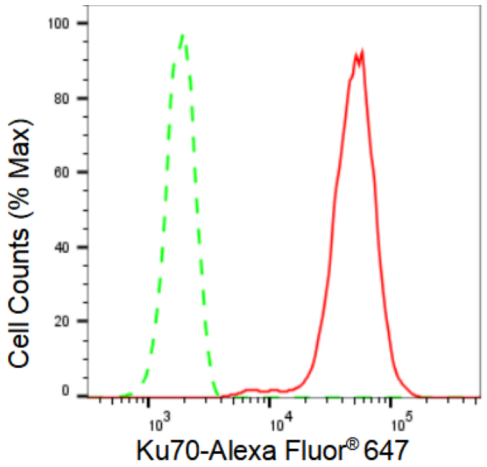
Western blotting analysis using anti-Ku70 antibody (Cat#ABG1493). Ku70 expression in wild type (WT) and Ku70 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Ku70 antibody (Cat#ABG1493, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Ku70 expression in HepG2 cells using Ku70 antibody (Cat#ABG1493, 1:2,000). Green, isotype control; red, Ku70.

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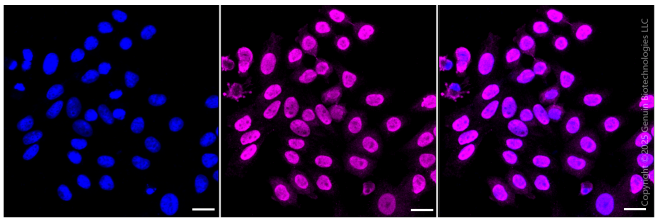

Immunocytochemical staining of HepG2 cells with anti-Ku70 antibody (Cat #ABG1493, 1:1,000). Nuclei were stained blue with DAPI; Ku70 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20 µm.