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

KD-Validated Anti-DNA PKcs Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1041

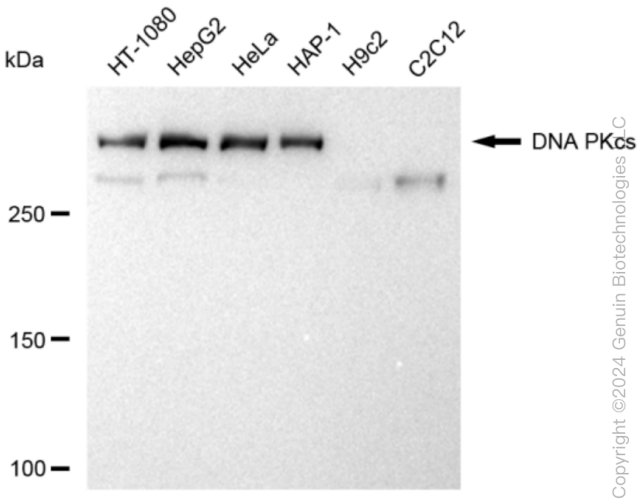
Product Overview

Name	KD-Validated Anti-DNA PKcs Rabbit Monoclonal Antibody
Accession(Primary)	P78527
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human DNA-PKcs
Species Reactivity	Human
Calculated MW	Predicted, 469 kDa , observed, 469 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 (P78527)

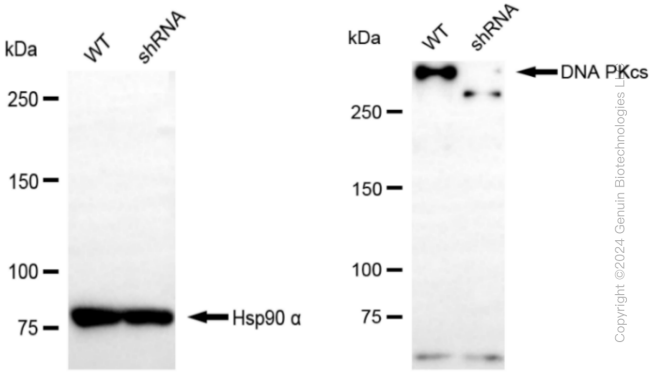
Gene Name	PRKDC
About Gene Symbol	PRKDC (Protein Kinase, DNA-Activated, Catalytic Subunit) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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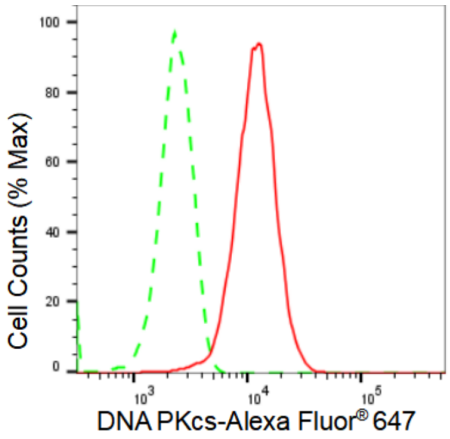
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Western blotting analysis using anti-DNA PKcs antibody (Cat#ABG1041). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DNA PKcs antibody (Cat#ABG1041, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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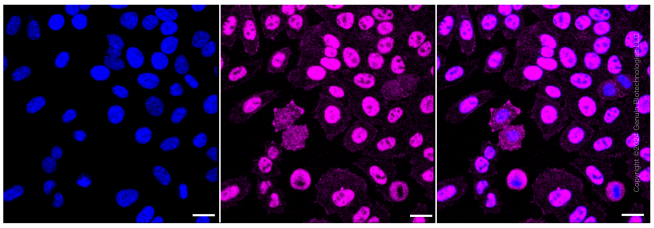
Western blotting analysis using anti-DNA PKcs antibody (Cat#ABG1041). DNA PKcs expression in wild type (WT) and DNA PKcs shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-DNA PKcs antibody (Cat#ABG1041, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of DNA PKcs expression in HepG2 cells using DNA PKcs antibody (Cat#ABG1041, 1:2,000). Green, isotype control; red, DNA PKcs.

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Immunocytochemical staining of HepG2 cells with DNA PKcs antibody (Cat#ABG1041, 1:1,000). Nuclei were stained blue with DAPI; DNA PKcs 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.