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

KD-Validated Anti-Phospho-DNA PKcs (S2056) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1047

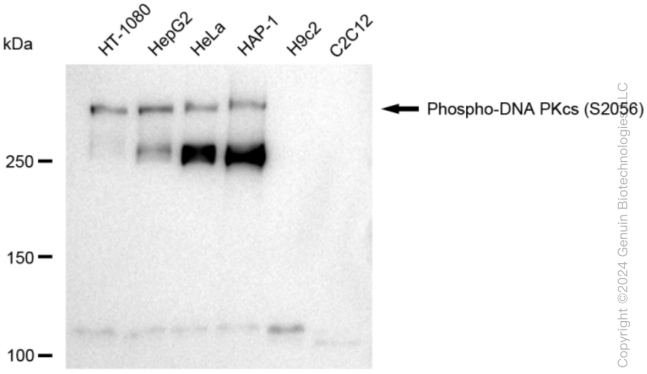
Product Overview

Name	KD-Validated Anti-Phospho-DNA PKcs (S2056) Rabbit Monoclonal Antibody
Accession(Primary)	P78527
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Phospho-DNA PKcs (S2056)
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): 1:1,000

Target information (P78527)

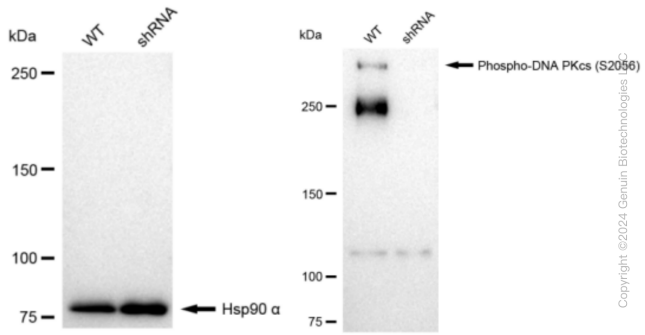
Gene Name	PRKDC
About Gene Symbol	PRKDC (Protein Kinase, DNA-Activated, Catalytic Subunit) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate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

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



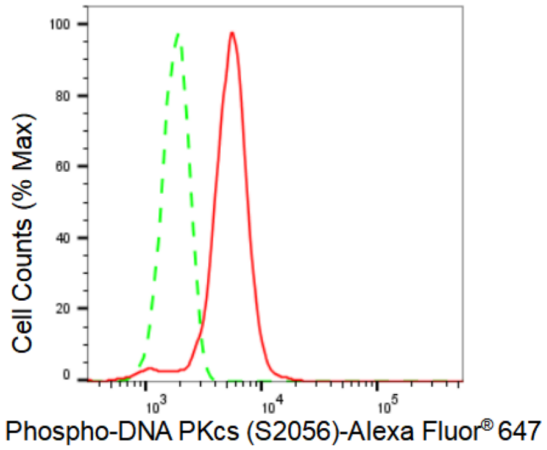
Copyright ©2024 Genuin Biotechnologies LLC

Western blotting analysis using anti-Phospho-DNA PKcs (S2056) antibody (Cat#ABG1047). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-DNA PKcs (S2056) antibody (Cat#ABG1047, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2024 Genuin Biotechnologies LLC

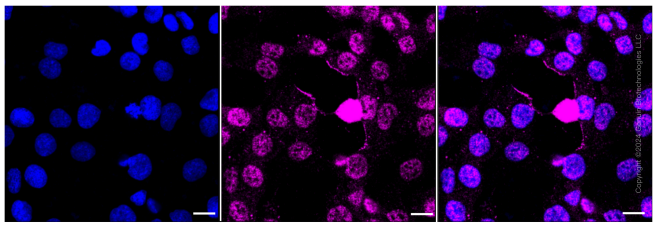
Western blotting analysis using anti-Phospho-DNA PKcs (S2056) antibody (Cat#ABG1047). Phospho-DNA PKcs (S2056) expression in wild type (WT) and phospho-DNA PKcs (S2056) shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Phospho-DNA PKcs (S2056) antibody (Cat#ABG1047, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2024 Genuin Biotechnologies LLC

Flow cytometric analysis of Phospho-DNA PKcs (S2056) expression in HT-1080 cells using Phospho-DNA PKcs (S2056) antibody (Cat#ABG1047, 1:2,000). Green, isotype control; red, Phospho-DNA PKcs (S2056).

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



Immunocytochemical staining of HT-1080 cells with Phospho-DNA PKcs (S2056) antibody (Cat#ABG1047, 1:1,000). Nuclei were stained blue with DAPI; Phospho-DNA PKcs (S2056) 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.