

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

DNA PKcs antibody [18-2]

RRID:AB_731982

Type: Antibody

Proper Citation

Abcam Cat# ab44815, RRID:AB_731982

Antibody Information

URL: http://antibodyregistry.org/AB_731982

Proper Citation: Abcam Cat# ab44815, RRID:AB_731982

Target Antigen: DNA PKcs antibody [18-2]

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Other; ICC/IF, IHC-P, Inhib, IP, WB; Immunocytochemistry; Immunohistochemistry - fixed; Western Blot; Block/Neutralize/Inhibit; Immunohistochemistry; Immunoprecipitation; Immunofluorescence

Antibody Name: DNA PKcs antibody [18-2]

Description: This monoclonal targets DNA PKcs antibody [18-2]

Target Organism: rat, human

Antibody ID: AB_731982

Vendor: Abcam

Catalog Number: ab44815

Record Creation Time: 20250819T225251+0000

Record Last Update: 20250820T033552+0000

Ratings and Alerts

No rating or validation information has been found for DNA PKcs antibody [18-2].

No alerts have been found for DNA PKcs antibody [18-2].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Patel UA, et al. (2026) CRISPR Screen Identifies HDAC3 as a Novel Radiosensitizing Target in Small Cell Lung Cancer. *Molecular cancer therapeutics*, 25(1), 183.

Su CH, et al. (2025) Phosphorylated Y14 condensates as a scaffold for DNA double-strand break repair. *iScience*, 28(8), 113073.

Hofstad M, et al. (2025) Dual inhibition of ATR and DNA-PKcs radiosensitizes ATM-mutant prostate cancer. *Oncogene*, 44(22), 1746.

Lal S, et al. (2023) Discovery and Characterization of ZL-2201, a Potent, Highly Selective, and Orally Bioavailable Small-molecule DNA-PK Inhibitor. *Cancer research communications*, 3(9), 1731.

Hanson RL, et al. (2020) Rucaparib Treatment Alters p53 Oscillations in Single Cells to Enhance DNA-Double-Strand-Break-Induced Cell Cycle Arrest. *Cell reports*, 33(2), 108240.

Munnur D, et al. (2019) NR4A Nuclear Receptors Target Poly-ADP-Ribosylated DNA-PKcs Protein to Promote DNA Repair. *Cell reports*, 26(8), 2028.

Wall CE, et al. (2019) PPEF2 Opposes PINK1-Mediated Mitochondrial Quality Control by Dephosphorylating Ubiquitin. *Cell reports*, 29(10), 3280.