

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

Phospho-Chk2 (Thr68) (C13C1) Rabbit mAb

RRID:AB_2080501

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2197, RRID:AB_2080501

Antibody Information

URL: http://antibodyregistry.org/AB_2080501

Proper Citation: Cell Signaling Technology Cat# 2197, RRID:AB_2080501

Target Antigen: CHEK2

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, F. Consolidation on 10/2018: AB_10341851, AB_10342910, AB_2080501, AB_2244927.

Antibody Name: Phospho-Chk2 (Thr68) (C13C1) Rabbit mAb

Description: This monoclonal targets CHEK2

Target Organism: human

Antibody ID: AB_2080501

Vendor: Cell Signaling Technology

Catalog Number: 2197

Record Creation Time: 20250820T055849+0000

Record Last Update: 20250820T225851+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-Chk2 (Thr68) (C13C1) Rabbit mAb.

No alerts have been found for Phospho-Chk2 (Thr68) (C13C1) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 47 mentions in open access literature.

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

Hurley K, et al. (2026) PARP1 recruits SPRTN to DNA-protein crosslinks through a conserved poly-ADP-ribose binding domain. bioRxiv : the preprint server for biology.

Zhou L, et al. (2025) Halting hepatocellular carcinoma: Identifying intercellular crosstalk in HBV-driven disease. Cell reports, 44(4), 115457.

Han Y, et al. (2025) PARP inhibitors potentiate proton therapy end-of-range effects by accelerating replication forks and promoting transcription conflict. International journal of radiation oncology, biology, physics.

Chiang JC, et al. (2025) Lipoylation inhibition enhances radiation control of lung cancer by suppressing homologous recombination DNA damage repair. Science advances, 11(11), eadt1241.

Pepe S, et al. (2025) Genomic context influences translesion synthesis DNA polymerase-dependent mechanisms of micronuclei induction by G-quadruplexes. Cell reports, 44(5), 115706.

Schnabel JL, et al. (2025) IMPDH inhibition induces DNA replication stress and ATR sensitivity in Merkel cell carcinoma. iScience, 28(6), 112567.

Lee KS, et al. (2025) Functional assessment of all ATM SNVs using prime editing and deep learning. Cell, 188(18), 5081.

Zhu X, et al. (2025) Circular RNA circATM binds PARP1 to suppress Wnt/?-catenin signaling and induce cell cycle arrest in gastric cancer cells. Journal of advanced research.

Do BT, et al. (2024) Nucleotide depletion promotes cell fate transitions by inducing DNA replication stress. Developmental cell, 59(16), 2203.

Vind AC, et al. (2024) The ribotoxic stress response drives acute inflammation, cell death, and epidermal thickening in UV-irradiated skin in vivo. Molecular cell, 84(24), 4774.

Della Volpe L, et al. (2024) A p38 MAPK-ROS axis fuels proliferation stress and DNA damage during CRISPR-Cas9 gene editing in hematopoietic stem and progenitor cells. Cell reports. Medicine, 5(11), 101823.

Wang Y, et al. (2024) NRDE2 deficiency impairs homologous recombination repair and sensitizes hepatocellular carcinoma to PARP inhibitors. *Cell genomics*, 4(5), 100550.

Arends T, et al. (2024) DUX4-induced HSATII transcription causes KDM2A/B-PRC1 nuclear foci and impairs DNA damage response. *The Journal of cell biology*, 223(5).

Sogari A, et al. (2024) Tolerance to colibactin correlates with homologous recombination proficiency and resistance to irinotecan in colorectal cancer cells. *Cell reports. Medicine*, 5(2), 101376.

Aubert L, et al. (2024) Tumor acidosis-induced DNA damage response and tetraploidy enhance sensitivity to ATM and ATR inhibitors. *EMBO reports*, 25(3), 1469.

Ming S, et al. (2024) Alphaherpesvirus manipulates retinoic acid metabolism for optimal replication. *iScience*, 27(7), 110144.

Nguyen TN, et al. (2024) Transcriptional and functional regulation of cell cycle and UV response by PPAR γ in human skin epidermal cells. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 38(23), e70212.

Gros Lambert J, et al. (2023) The interplay of TARG1 and PARG protects against genomic instability. *Cell reports*, 42(9), 113113.

Liu J, et al. (2023) A kinome-wide CRISPR screen identifies CK1 γ as a target to overcome enzalutamide resistance of prostate cancer. *Cell reports. Medicine*, 4(4), 101015.

Yu ZC, et al. (2023) Temozolomide Sensitizes ARID1A-Mutated Cancers to PARP Inhibitors. *Cancer research*, 83(16), 2750.