

Resource Summary Report

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Rabbit Anti-ATM Monoclonal Antibody, Unconjugated, Clone D2E2

RRID:AB_2062659

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2873, RRID:AB_2062659

Antibody Information

URL: http://antibodyregistry.org/AB_2062659

Proper Citation: Cell Signaling Technology Cat# 2873, RRID:AB_2062659

Target Antigen: ATM

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W

Antibody Name: Rabbit Anti-ATM Monoclonal Antibody, Unconjugated, Clone D2E2

Description: This monoclonal targets ATM

Target Organism: mouse, human

Antibody ID: AB_2062659

Vendor: Cell Signaling Technology

Catalog Number: 2873

Record Creation Time: 20250820T031055+0000

Record Last Update: 20250820T153408+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-ATM Monoclonal Antibody, Unconjugated, Clone D2E2.

No alerts have been found for Rabbit Anti-ATM Monoclonal Antibody, Unconjugated, Clone D2E2.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 71 mentions in open access literature.

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

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.

Miller KN, et al. (2025) p53 enhances DNA repair and suppresses cytoplasmic chromatin fragments and inflammation in senescent cells. Nature communications, 16(1), 2229.

Luo H, et al. (2025) Interleukin-33 (IL-33) promotes DNA damage-resistance in lung cancer. Cell death & disease, 16(1), 274.

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

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

Dufourd J, et al. (2025) TELS1 stabilizes t-loops independently of TRF2 and controls telomere length in pluripotent cells. Cell reports, 44(9), 116260.

Boucher J, et al. (2025) CDK12 inhibition reveals melanoma dependence on the RUNX1/CBF β complex for genomic stability. Cell reports, 44(11), 116495.

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

Cigrang M, et al. (2025) Pan-inhibition of super-enhancer-driven oncogenic transcription by next-generation synthetic ecteinascidins yields potent anti-cancer activity. Nature communications, 16(1), 512.

Wang Q, et al. (2025) Cisplatin-Induced APE2 Overexpression Disrupts MYH9 Function and Causes Hearing Loss. Cancer research communications, 5(6), 994.

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.

Pan Q, et al. (2024) Mapping functional elements of the DNA damage response through base editor screens. *Cell reports*, 43(12), 115047.

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.

Randolph ME, et al. (2024) RNA helicase DDX3 regulates RAD51 localization and DNA damage repair in Ewing sarcoma. *iScience*, 27(2), 108925.

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

Shaheer K, et al. (2024) Breast cancer cells are sensitized by piperine to radiotherapy through estrogen receptor- α mediated modulation of a key NHEJ repair protein- DNA-PK. *Phytomedicine : international journal of phytotherapy and phytopharmacology*, 122, 155126.

Ramadan WS, et al. (2024) Design, synthesis and mechanistic anticancer activity of new acetylated 5-aminosalicylate-thiazolinone hybrid derivatives. *iScience*, 27(1), 108659.

Nair JR, et al. (2024) Distinct effects of sacituzumab govitecan and berzosertib on DNA damage response in ovarian cancer. *iScience*, 27(12), 111283.