

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

Mouse Anti-ATM Monoclonal Antibody, Unconjugated, Clone 2C1 (1A1)

RRID:AB_306089

Type: Antibody

Proper Citation

Abcam Cat# ab78, RRID:AB_306089

Antibody Information

URL: http://antibodyregistry.org/AB_306089

Proper Citation: Abcam Cat# ab78, RRID:AB_306089

Target Antigen: ATM

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunoprecipitation; Other; Western Blot; Immunoprecipitation, Western Blot

Antibody Name: Mouse Anti-ATM Monoclonal Antibody, Unconjugated, Clone 2C1 (1A1)

Description: This monoclonal targets ATM

Target Organism: rat, simian, mouse, human

Clone ID: Clone 2C1 (1A1)

Antibody ID: AB_306089

Vendor: Abcam

Catalog Number: ab78

Record Creation Time: 20250820T035547+0000

Record Last Update: 20250820T173400+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-ATM Monoclonal Antibody, Unconjugated, Clone 2C1 (1A1).

No alerts have been found for Mouse Anti-ATM Monoclonal Antibody, Unconjugated, Clone 2C1 (1A1).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Kalamuddin M, et al. (2024) MYST regulates DNA repair and forms a NuA4-like complex in the malaria parasite Plasmodium falciparum. mSphere, 9(4), e0014024.

Jamal K, et al. (2022) Drug-gene Interaction Screens Coupled to Tumor Data Analyses Identify the Most Clinically Relevant Cancer Vulnerabilities Driving Sensitivity to PARP Inhibition. Cancer research communications, 2(10), 1244.

Lee KY, et al. (2021) Chk1 promotes non-homologous end joining in G1 through direct phosphorylation of ASF1A. Cell reports, 34(4), 108680.

Liu JCY, et al. (2021) Mechanism and function of DNA replication-independent DNA-protein crosslink repair via the SUMO-RNF4 pathway. The EMBO journal, 40(18), e107413.

Ka NL, et al. (2021) IFI16 inhibits DNA repair that potentiates type-I interferon-induced antitumor effects in triple negative breast cancer. Cell reports, 37(12), 110138.

Dieter SM, et al. (2021) Degradation of CCNK/CDK12 is a druggable vulnerability of colorectal cancer. Cell reports, 36(3), 109394.

Wang X, et al. (2020) Cas12a Base Editors Induce Efficient and Specific Editing with Low DNA Damage Response. Cell reports, 31(9), 107723.

Guerra RM, et al. (2018) Precision Targeting of BFL-1/A1 and an ATM Co-dependency in Human Cancer. Cell reports, 24(13), 3393.

Qian M, et al. (2018) Boosting ATM activity alleviates aging and extends lifespan in a mouse model of progeria. eLife, 7.

Ahmad F, et al. (2017) Telomerase reverse transcriptase (TERT) - enhancer of zeste homolog 2 (EZH2) network regulates lipid metabolism and DNA damage responses in glioblastoma. Journal of neurochemistry, 143(6), 671.

Lee KY, et al. (2017) ASF1a Promotes Non-homologous End Joining Repair by Facilitating Phosphorylation of MDC1 by ATM at Double-Strand Breaks. Molecular cell,

68(1), 61.