

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

Cyclin B1 Antibody

RRID:AB_2072132

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4138, RRID:AB_2072132

Antibody Information

URL: http://antibodyregistry.org/AB_2072132

Proper Citation: Cell Signaling Technology Cat# 4138, RRID:AB_2072132

Target Antigen: Cyclin B1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IF-IC. Consolidation on 10/2018: AB_10258014, AB_10828208, AB_2072132.

Antibody Name: Cyclin B1 Antibody

Description: This polyclonal targets Cyclin B1

Target Organism: rat, hm, hamster, h, m, mouse, r, human, mk

Antibody ID: AB_2072132

Vendor: Cell Signaling Technology

Catalog Number: 4138

Record Creation Time: 20250820T015535+0000

Record Last Update: 20250820T121403+0000

Ratings and Alerts

No rating or validation information has been found for Cyclin B1 Antibody.

No alerts have been found for Cyclin B1 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Bural S, et al. (2026) Countervailing effects of cyclin isoforms A and B during mitosis. bioRxiv : the preprint server for biology.

Umaru B, et al. (2026) BMI-1 modulation and trafficking during M phase in diffuse intrinsic pontine glioma. FEBS open bio, 16(6), 1213.

Sun GZ, et al. (2026) Extracellular matrix stiffness drives post-mitotic nuclear pore complex assembly to promote neuroblastoma pathogenesis. Cell reports, 45(2), 116858.

Kim H, et al. (2026) Increased vulnerability of colorectal cancer models with high alkylation damage to NTHL1 inactivation. Scientific reports, 16(1).

Bordi M, et al. (2025) ADSL deficiency is a secondary mitochondrial disease affecting organelle homeostasis and ERK2/AKT signaling in a linear genotype-phenotype relation. Cell reports, 44(9), 116230.

Stykel MG, et al. (2025) G6PD deficiency triggers dopamine loss and the initiation of Parkinson's disease pathogenesis. Cell reports, 44(1), 115178.

Koo TY, et al. (2025) A covalent inhibitor targeting Cys16 on RhoA in colorectal cancer. Cell chemical biology.

Nath S, et al. (2025) Unlocking the therapeutic potential of rigosertib as a selective therapy for ovarian cancer. Cell reports. Medicine, 6(7), 102218.

Galan-Cobo A, et al. (2025) KEAP1 and STK11/LKB1 alterations enhance vulnerability to ATR inhibition in KRAS mutant non-small cell lung cancer. Cancer cell, 43(8), 1530.

Coleman JC, et al. (2024) The RNA binding proteins LARP4A and LARP4B promote sarcoma and carcinoma growth and metastasis. iScience, 27(4), 109288.

Wang T, et al. (2024) Securin acetylation prevents precocious separase activation and premature sister chromatid separation. Current biology : CB, 34(6), 1295.

Klomp JA, et al. (2024) Defining the KRAS- and ERK-dependent transcriptome in KRAS-mutant cancers. Science (New York, N.Y.), 384(6700), eadk0775.

Ji X, et al. (2024) Sphingolipid metabolism controls mammalian heart regeneration. Cell metabolism, 36(4), 839.

Cetin M, et al. (2024) A highly potent bi-thiazole inhibitor of LOX rewires collagen architecture and enhances chemoresponse in triple-negative breast cancer. *Cell chemical biology*.

Zwirner S, et al. (2024) First-in-class MKK4 inhibitors enhance liver regeneration and prevent liver failure. *Cell*, 187(7), 1666.

Lascaux P, et al. (2024) TEX264 drives selective autophagy of DNA lesions to promote DNA repair and cell survival. *Cell*, 187(20), 5698.

Moolmuang B, et al. (2024) PLK1 inhibition leads to mitotic arrest and triggers apoptosis in cholangiocarcinoma cells. *Oncology letters*, 28(1), 316.

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

Chen Y, et al. (2023) Unannotated microprotein EMBOW regulates the interactome and chromatin and mitotic functions of WDR5. *Cell reports*, 42(9), 113145.

Simpson LM, et al. (2023) An affinity-directed phosphatase, AdPhosphatase, system for targeted protein dephosphorylation. *Cell chemical biology*, 30(2), 188.