

Resource Summary Report

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

anti-Cyclin E1 (HE12) Mouse monoclonal Antibody

RRID:AB_2071200

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4129, RRID:AB_2071200

Antibody Information

URL: http://antibodyregistry.org/AB_2071200

Proper Citation: Cell Signaling Technology Cat# 4129, RRID:AB_2071200

Target Antigen: Cyclin E1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W. Consolidation: AB_10831844.

Antibody Name: anti-Cyclin E1 (HE12) Mouse monoclonal Antibody

Description: This monoclonal targets Cyclin E1

Target Organism: Human, Monkey

Clone ID: HE12

Defining Citation: [PMID:28486106](#)

Antibody ID: AB_2071200

Vendor: Cell Signaling Technology

Catalog Number: 4129

Alternative Catalog Numbers: 4129T, 4129S, 4129P

Record Creation Time: 20250820T020103+0000

Record Last Update: 20250820T122822+0000

Ratings and Alerts

No rating or validation information has been found for anti-Cyclin E1 (HE12) Mouse monoclonal Antibody.

No alerts have been found for anti-Cyclin E1 (HE12) Mouse monoclonal Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Drekolia MK, et al. (2026) Cystine import and oxidative catabolism fuel vascular growth and repair via nutrient-responsive histone acetylation. *Cell metabolism*, 38(1), 115.

Mouery RD, et al. (2024) Proteomic analysis reveals a PLK1-dependent G2/M degradation program and a role for AKAP2 in coordinating the mitotic cytoskeleton. *Cell reports*, 43(8), 114510.

McKenney C, et al. (2024) CDK4/6 activity is required during G2 arrest to prevent stress-induced endoreplication. *Science (New York, N.Y.)*, 384(6695), eadi2421.

Volegova MP, et al. (2024) The MYCN 5' UTR as a therapeutic target in neuroblastoma. *Cell reports*, 43(5), 114134.

Wang P, et al. (2024) Hepatic Snai1 and Snai2 promote liver regeneration and suppress liver fibrosis in mice. *Cell reports*, 43(3), 113875.

Li H, et al. (2023) Transgelin Promotes Glioblastoma Stem Cell Hypoxic Responses and Maintenance Through p53 Acetylation. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e2305620.

Knudsen ES, et al. (2022) CDK/cyclin dependencies define extreme cancer cell-cycle heterogeneity and collateral vulnerabilities. *Cell reports*, 38(9), 110448.

Missiaen R, et al. (2022) GCN2 inhibition sensitizes arginine-deprived hepatocellular carcinoma cells to senolytic treatment. *Cell metabolism*, 34(8), 1151.

Prokhorova E, et al. (2021) Unrestrained poly-ADP-ribosylation provides insights into chromatin regulation and human disease. *Molecular cell*, 81(12), 2640.

Li K, et al. (2021) mTOR signaling regulates gastric epithelial progenitor homeostasis and gastric tumorigenesis via MEK1-ERKs and BMP-Smad1 pathways. *Cell reports*, 35(5), 109069.

Xu H, et al. (2021) CCNE1 copy number is a biomarker for response to combination WEE1-ATR inhibition in ovarian and endometrial cancer models. *Cell reports. Medicine*,

2(9), 100394.

Enrico TP, et al. (2021) Cyclin F drives proliferation through SCF-dependent degradation of the retinoblastoma-like tumor suppressor p130/RBL2. *eLife*, 10.

Merta H, et al. (2021) Cell cycle regulation of ER membrane biogenesis protects against chromosome missegregation. *Developmental cell*, 56(24), 3364.

Zhao J, et al. (2020) Deamidation Shunts RelA from Mediating Inflammation to Aerobic Glycolysis. *Cell metabolism*, 31(5), 937.

Zhang H, et al. (2020) CDK7 Inhibition Potentiates Genome Instability Triggering Anti-tumor Immunity in Small Cell Lung Cancer. *Cancer cell*, 37(1), 37.

Kang GJ, et al. (2020) SARNP, a participant in mRNA splicing and export, negatively regulates E-cadherin expression via interaction with pinin. *Journal of cellular physiology*, 235(2), 1543.

Arceci A, et al. (2019) FOXM1 Deubiquitination by USP21 Regulates Cell Cycle Progression and Paclitaxel Sensitivity in Basal-like Breast Cancer. *Cell reports*, 26(11), 3076.

Wang G, et al. (2019) RASAL1 induces to downregulate the SCD1, leading to suppression of cell proliferation in colon cancer via LXR/SREBP1c pathway. *Biological research*, 52(1), 60.

Lian X, et al. (2019) The combination of metformin and 2-deoxyglucose significantly inhibits cyst formation in miniature pigs with polycystic kidney disease. *British journal of pharmacology*, 176(5), 711.

Li L, et al. (2019) The COMPASS Family Protein ASH2L Mediates Corticogenesis via Transcriptional Regulation of Wnt Signaling. *Cell reports*, 28(3), 698.