

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Jun 2, 2024

CDK4 (D9G3E) Rabbit mAb

RRID:AB_2631166

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 12790 (also 12790S), RRID:AB_2631166)

Antibody Information

URL: http://antibodyregistry.org/AB_2631166

Proper Citation: (Cell Signaling Technology Cat# 12790 (also 12790S), RRID:AB_2631166)

Target Antigen: CDK4

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-IC, F

Antibody Name: CDK4 (D9G3E) Rabbit mAb

Description: This monoclonal targets CDK4

Target Organism: human, monkey

Clone ID: D9G3E

Antibody ID: AB_2631166

Vendor: Cell Signaling Technology

Catalog Number: 12790 (also 12790S)

Alternative Catalog Numbers: 12790S

Ratings and Alerts

No rating or validation information has been found for CDK4 (D9G3E) Rabbit mAb.

No alerts have been found for CDK4 (D9G3E) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Liu Z, et al. (2024) YAP-mediated GPER signaling impedes proliferation and survival of prostate epithelium in benign prostatic hyperplasia. *iScience*, 27(3), 109125.

Yip HYK, et al. (2024) Integrative modeling uncovers p21-driven drug resistance and prioritizes therapies for PIK3CA-mutant breast cancer. *NPJ precision oncology*, 8(1), 20.

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

Jin L, et al. (2023) Mechanism underlying follicular hyperproliferation and oncogenesis in hidradenitis suppurativa. *iScience*, 26(6), 106896.

He W, et al. (2023) Modeling breast cancer proliferation, drug synergies, and alternating therapies. *iScience*, 26(5), 106714.

Yu M, et al. (2023) Pan-cancer tRNA-derived fragment CAT1 coordinates RBPMS to stabilize NOTCH2 mRNA to promote tumorigenesis. *Cell reports*, 42(11), 113408.

Golkowski M, et al. (2023) Multiplexed kinase interactome profiling quantifies cellular network activity and plasticity. *Molecular cell*, 83(5), 803.

Gomes I, et al. (2023) Co-targeting RANK pathway treats and prevents acquired resistance to CDK4/6 inhibitors in luminal breast cancer. *Cell reports. Medicine*, 4(8), 101120.

Kirova DG, et al. (2022) A ROS-dependent mechanism promotes CDK2 phosphorylation to drive progression through S phase. *Developmental cell*, 57(14), 1712.

Baldelli E, et al. (2022) Analysis of neuroendocrine clones in NSCLCs using an immuno-guided laser-capture microdissection-based approach. *Cell reports methods*, 2(8), 100271.

Ng YLD, et al. (2022) Proteomic profiling reveals CDK6 upregulation as a targetable resistance mechanism for lenalidomide in multiple myeloma. *Nature communications*, 13(1),

1009.

Ye C, et al. (2022) Hypoxia-induced HMGB1 promotes glioma stem cells self-renewal and tumorigenicity via RAGE. *iScience*, 25(9), 104872.

Chen M, et al. (2022) p75NTR Promotes Astrocyte Proliferation in Response to Cortical Stab Wound. *Cellular and molecular neurobiology*, 42(4), 1153.

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

Fischer N, et al. (2021) A novel ligand of the translationally controlled tumor protein (TCTP) identified by virtual drug screening for cancer differentiation therapy. *Investigational new drugs*, 39(4), 914.

Ehteda A, et al. (2021) Dual targeting of the epigenome via FACT complex and histone deacetylase is a potent treatment strategy for DIPG. *Cell reports*, 35(2), 108994.

Zhu Q, et al. (2021) Rack1 is essential for corticogenesis by preventing p21-dependent senescence in neural stem cells. *Cell reports*, 36(9), 109639.

D'Oto A, et al. (2021) KDM6B promotes activation of the oncogenic CDK4/6-pRB-E2F pathway by maintaining enhancer activity in MYCN-amplified neuroblastoma. *Nature communications*, 12(1), 7204.

George J, et al. (2021) RNA-binding protein FXR1 drives cMYC translation by recruiting eIF4F complex to the translation start site. *Cell reports*, 37(5), 109934.

Parrish PCR, et al. (2021) Discovery of synthetic lethal and tumor suppressor paralog pairs in the human genome. *Cell reports*, 36(9), 109597.