

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

CDK9 (C12F7)

RRID:AB_2291505

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2316, RRID:AB_2291505

Antibody Information

URL: http://antibodyregistry.org/AB_2291505

Proper Citation: Cell Signaling Technology Cat# 2316, RRID:AB_2291505

Target Antigen: CDK9

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IHC-F, IF-IC, F. Consolidation on 4/2018: AB_10892863.

Antibody Name: CDK9 (C12F7)

Description: This monoclonal targets CDK9

Target Organism: monkey, rat, hamster, mouse, bovine, dog, human

Clone ID: C12F7

Antibody ID: AB_2291505

Vendor: Cell Signaling Technology

Catalog Number: 2316

Record Creation Time: 20250820T010811+0000

Record Last Update: 20250820T100731+0000

Ratings and Alerts

No rating or validation information has been found for CDK9 (C12F7).

No alerts have been found for CDK9 (C12F7).

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 [RRID](#) .

Lopez Martinez D, et al. (2025) PAF1C-mediated activation of CDK12/13 kinase activity is critical for CTD phosphorylation and transcript elongation. *Molecular cell*, 85(10), 1952.

Devlin JR, et al. (2025) A CDK11-dependent RNA polymerase II pause-checkpoint precedes CDK9-mediated transition to transcriptional elongation. *Molecular cell*, 85(17), 3256.

Zheng B, et al. (2025) BRD2 bridges TFIID and MOF-H4K16ac-containing nucleosomes to promote transcriptional initiation. *Molecular cell*.

Puleo N, et al. (2025) Identification of a TNIK-CDK9 Axis as a Targetable Strategy for Platinum-Resistant Ovarian Cancer. *Molecular cancer therapeutics*, 24(4), 639.

Toure MA, et al. (2025) Targeted degradation of CDK9 potentially disrupts the MYC-regulated network. *Cell chemical biology*, 32(4), 542.

Cannon AC, et al. (2024) Unique vulnerability of RAC1-mutant melanoma to combined inhibition of CDK9 and immune checkpoints. *Oncogene*, 43(10), 729.

Mustafa EH, et al. (2024) Selective inhibition of CDK9 in triple negative breast cancer. *Oncogene*, 43(3), 202.

Raina K, et al. (2024) Regulated induced proximity targeting chimeras-RIPTACs-A heterobifunctional small molecule strategy for cancer selective therapies. *Cell chemical biology*, 31(8), 1490.

Boddu PC, et al. (2024) Transcription elongation defects link oncogenic SF3B1 mutations to targetable alterations in chromatin landscape. *Molecular cell*, 84(8), 1475.

Chang Y, et al. (2024) Development of an orally bioavailable CDK12/13 degrader and induction of synthetic lethality with AKT pathway inhibition. *Cell reports. Medicine*, 5(10), 101752.

Cannon AC, et al. (2023) Unique vulnerability of RAC1-mutant melanoma to combined inhibition of CDK9 and immune checkpoints. *bioRxiv : the preprint server for biology*.

Zheng B, et al. (2023) Distinct layers of BRD4-PTEFb reveal bromodomain-independent function in transcriptional regulation. *Molecular cell*, 83(16), 2896.

Berry S, et al. (2022) Feedback from nuclear RNA on transcription promotes robust RNA concentration homeostasis in human cells. *Cell systems*, 13(6), 454.

Yang Y, et al. (2022) Structural basis of RNA conformational switching in the transcriptional regulator 7SK RNP. *Molecular cell*, 82(9), 1724.

Lu WC, et al. (2022) AKT1 mediates multiple phosphorylation events that functionally promote HSF1 activation. *The FEBS journal*, 289(13), 3876.

Richters A, et al. (2021) Modulating Androgen Receptor-Driven Transcription in Prostate Cancer with Selective CDK9 Inhibitors. *Cell chemical biology*, 28(2), 134.

Veo B, et al. (2021) Transcriptional control of DNA repair networks by CDK7 regulates sensitivity to radiation in MYC-driven medulloblastoma. *Cell reports*, 35(4), 109013.

Shirasaki R, et al. (2021) Functional Genomics Identify Distinct and Overlapping Genes Mediating Resistance to Different Classes of Heterobifunctional Degradors of Oncoproteins. *Cell reports*, 34(1), 108532.

Zhu C, et al. (2021) Cancer-associated exportin-6 upregulation inhibits the transcriptionally repressive and anticancer effects of nuclear profilin-1. *Cell reports*, 34(7), 108749.

Wang X, et al. (2021) DDB1 binds histone reader BRWD3 to activate the transcriptional cascade in adipogenesis and promote onset of obesity. *Cell reports*, 35(12), 109281.