

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 13, 2025

Phospho-Histone H3 (Ser10) (D7N8E) XP® Rabbit mAb

RRID:AB_2799431

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 53348, RRID:AB_2799431)

Antibody Information

URL: http://antibodyregistry.org/AB_2799431

Proper Citation: (Cell Signaling Technology Cat# 53348, RRID:AB_2799431)

Target Antigen: H3

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC, F, ChIP

Antibody Name: Phospho-Histone H3 (Ser10) (D7N8E) XP® Rabbit mAb

Description: This monoclonal targets H3

Target Organism: h, m, r, mk

Clone ID: Clone D7N8E

Antibody ID: AB_2799431

Vendor: Cell Signaling Technology

Catalog Number: 53348

Record Creation Time: 20241017T001609+0000

Record Last Update: 20241017T015657+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-Histone H3 (Ser10) (D7N8E) XP® Rabbit mAb.

No alerts have been found for Phospho-Histone H3 (Ser10) (D7N8E) XP® Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Zhao G, et al. (2024) Mitotic ER-mitochondria contact enhances mitochondrial Ca²⁺ influx to promote cell division. Cell reports, 43(10), 114794.

Huang J, et al. (2024) Granulocyte colony stimulating factor promotes scarless tissue regeneration. Cell reports, 43(10), 114742.

Knippler CM, et al. (2024) Bisbiguanide analogs induce mitochondrial stress to inhibit lung cancer cell invasion. iScience, 27(4), 109591.

Holder J, et al. (2024) CEP192 localises mitotic Aurora-A activity by priming its interaction with TPX2. The EMBO journal, 43(22), 5381.

Jimenez-Cyrus D, et al. (2024) Molecular cascade reveals sequential milestones underlying hippocampal neural stem cell development into an adult state. Cell reports, 43(6), 114339.

Ramkumar K, et al. (2023) Targeting BCL2 Overcomes Resistance and Augments Response to Aurora Kinase B Inhibition by AZD2811 in Small Cell Lung Cancer. Clinical cancer research : an official journal of the American Association for Cancer Research, 29(16), 3237.

Adhikary U, et al. (2023) Targeting MCL-1 triggers DNA damage and an anti-proliferative response independent from apoptosis induction. Cell reports, 42(10), 113176.

Li L, et al. (2023) Copper overload impairs hematopoietic stem and progenitor cell proliferation via prompting HSF1/SP1 aggregation and the subsequently downregulating FOXM1-Cytoskeleton axis. iScience, 26(4), 106406.

Ye G, et al. (2022) The FAP ? -activated prodrug Z-GP-DAVLBH inhibits the growth and pulmonary metastasis of osteosarcoma cells by suppressing the AXL pathway. Acta pharmaceutica Sinica. B, 12(3), 1288.

Zhang H, et al. (2022) Alterations of serine racemase expression determine proliferation and differentiation of neuroblastoma cells. FASEB journal : official publication of the Federation of

American Societies for Experimental Biology, 36(9), e22473.

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.

Waters AM, et al. (2021) Targeting p130Cas- and microtubule-dependent MYC regulation sensitizes pancreatic cancer to ERK MAPK inhibition. *Cell reports*, 35(13), 109291.

Lynch KL, et al. (2021) A viral histone-like protein exploits antagonism between linker histones and HMGB proteins to obstruct the cell cycle. *Current biology : CB*, 31(23), 5227.

Kalev P, et al. (2021) MAT2A Inhibition Blocks the Growth of MTAP-Deleted Cancer Cells by Reducing PRMT5-Dependent mRNA Splicing and Inducing DNA Damage. *Cancer cell*, 39(2), 209.

Ramos SI, et al. (2020) Tuba8 Drives Differentiation of Cortical Radial Glia into Apical Intermediate Progenitors by Tuning Modifications of Tubulin C Termini. *Developmental cell*, 52(4), 477.

Gruber JJ, et al. (2019) HAT1 Coordinates Histone Production and Acetylation via H4 Promoter Binding. *Molecular cell*, 75(4), 711.

Sarraf SA, et al. (2019) PINK1/Parkin Influences Cell Cycle by Sequestering TBK1 at Damaged Mitochondria, Inhibiting Mitosis. *Cell reports*, 29(1), 225.