

Resource Summary Report

Generated by PRECISE-TBI on Aug 16, 2026

Rabbit Anti-Histone H3, phospho (Ser10) Monoclonal Antibody, Unconjugated, Clone D2C8

RRID:AB_1549592

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3377, RRID:AB_1549592

Antibody Information

URL: http://antibodyregistry.org/AB_1549592

Proper Citation: Cell Signaling Technology Cat# 3377, RRID:AB_1549592

Target Antigen: Histone H3, phospho (Ser10)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IF-IC, F. Consolidation on 9/2016: AB_1549594.

Antibody Name: Rabbit Anti-Histone H3, phospho (Ser10) Monoclonal Antibody, Unconjugated, Clone D2C8

Description: This monoclonal targets Histone H3, phospho (Ser10)

Target Organism: monkey, rat, simian, mouse, human

Clone ID: Clone D2C8

Antibody ID: AB_1549592

Vendor: Cell Signaling Technology

Catalog Number: 3377

Alternative Catalog Numbers: 3377S, 3377P

Record Creation Time: 20250819T215853+0000

Record Last Update: 20250820T004331+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Histone H3, phospho (Ser10) Monoclonal Antibody, Unconjugated, Clone D2C8.

No alerts have been found for Rabbit Anti-Histone H3, phospho (Ser10) Monoclonal Antibody, Unconjugated, Clone D2C8.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 73 mentions in open access literature.

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

Payliss BJ, et al. (2026) Dual-site phosphorylation of SLX4 stabilizes the SLX4-MUS81 interface to promote mitotic SMX assembly and genome protection. *Nucleic acids research*, 54(9).

Tan GYT, et al. (2026) BMAL2 is a druggable target for ovarian clear cell carcinoma (OCCC). *EMBO molecular medicine*, 18(5), 1933.

Tam HT, et al. (2026) Hyperinnervation inhibits organ-level regeneration in mammalian skin. *Cell*, 189(11), 3270.

Guo X, et al. (2026) The WEE1 inhibitor azenosertib broadly enhances efficacy of antibody-drug conjugates with topoisomerase I and microtubule inhibitor payloads. *iScience*, 29(7), 116390.

Jacyniak K, et al. (2025) Squamate ventricular cardiomyocytes: Ploidy, proliferation, and heart muscle cell size in the leopard gecko (*Eublepharis macularius*). *Developmental dynamics : an official publication of the American Association of Anatomists*.

Luo T, et al. (2025) Establishing dorsal-ventral patterning in human neural tube organoids with synthetic organizers. *Cell stem cell*, 32(7), 1071.

Boettcher L, et al. (2025) Retinoic acid-induced 2 deficiency impairs genomic stability in breast cancer. *Breast cancer research : BCR*, 27(1), 137.

Zhang Q, et al. (2025) PLK1-mediated PDHA1 phosphorylation drives mitochondrial dysfunction, mitophagy, and cancer progression in Cr(VI)-associated lung cancer. *The Journal of biological chemistry*, 301(7), 110406.

Ribeiro JH, et al. (2025) A human-specific, concerted repression of microcephaly genes contributes to radiation-induced growth defects in cortical organoids. *iScience*, 28(2), 111853.

Akopyan K, et al. (2025) Preparation for mitosis requires gradual CDK1 activation. *iScience*, 28(5), 112292.

Miles A, et al. (2025) The homeobox gene, *dmbx1a*, is required for the development and maintenance of bipolar and photoreceptor cells in the zebrafish retina. *Experimental eye research*, 110809.

Ortega Granillo A, et al. (2024) Positional information modulates transient regeneration-activated cell states during vertebrate appendage regeneration. *iScience*, 27(9), 110737.

Nokin MJ, et al. (2024) In vivo vulnerabilities to GPX4 and HDAC inhibitors in drug-persistent versus drug-resistant BRAFV600E lung adenocarcinoma. *Cell reports. Medicine*, 5(8), 101663.

Dheeraj A, et al. (2024) Inhibition of protein translational machinery in triple-negative breast cancer as a promising therapeutic strategy. *Cell reports. Medicine*, 5(5), 101552.

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.

Rona G, et al. (2024) CDK-independent role of D-type cyclins in regulating DNA mismatch repair. *Molecular cell*.

Zhang T, et al. (2024) Dynamic phosphorylation of FOXA1 by Aurora B guides post-mitotic gene reactivation. *Cell reports*, 43(9), 114739.

Zou W, et al. (2024) Lysosomal dynamics regulate mammalian cortical neurogenesis. *Developmental cell*, 59(1), 64.

Nasser AM, et al. (2024) CDKN2A/B Homozygous Deletion Sensitizes IDH-Mutant Glioma to CDK4/6 Inhibition. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(14), 2996.

Wang J, et al. (2023) Histone H3 phospho-regulation by KimH3 in both interphase and mitosis. *iScience*, 26(4), 106372.