

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

Anti-phospho-Histone H3 (Ser10) Antibody, Mitosis Marker

RRID:AB_310177

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# 06-570, RRID:AB_310177

Antibody Information

URL: http://antibodyregistry.org/AB_310177

Proper Citation: Sigma-Aldrich Cat# 06-570, RRID:AB_310177

Target Antigen: phospho-Histone H3 (Ser10)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: IHC, IP, WB

Rated by ISCC, Intestinal Stem Cell Consortium (check ratings <https://iscc.coh.org/>)

Antibody Name: Anti-phospho-Histone H3 (Ser10) Antibody, Mitosis Marker

Description: This polyclonal targets phospho-Histone H3 (Ser10)

Target Organism: mouse, human

Antibody ID: AB_310177

Vendor: Sigma-Aldrich

Catalog Number: 06-570

Record Creation Time: 20250819T213324+0000

Record Last Update: 20250819T232026+0000

Ratings and Alerts

- Rated by ISCC, Intestinal Stem Cell Consortium - ISCC
<https://isccconsortium.org/resourcecatalog/>

No alerts have been found for Anti-phospho-Histone H3 (Ser10) Antibody, Mitosis Marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 352 mentions in open access literature.

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

Jiménez-Amilburu V, et al. (2026) Arhgef7 is essential for granule cell precursor proliferation and migration during cerebellum development. *iScience*, 29(2), 114580.

Varela M, et al. (2026) Oxygen and glucose supplementation increases rates of linear growth and cell proliferation in growth-restricted fetal sheep. *The Journal of physiology*, 604(7), 2778.

Lacroix R, et al. (2026) Embryonic exposure to environmental levels of roundup affects neurodevelopment in zebrafish. *Journal of the Endocrine Society*, 10(5), bvag067.

Hailstock T, et al. (2026) Orb2 RNA-binding activity promotes neural stem cell development and brain growth in *Drosophila* larvae. *Cell reports*, 45(7), 117680.

Paulding D, et al. (2026) Cranial neural crest shortage leads to extensive craniofacial anomalies in mice mutant for the NR2F1/2 nuclear receptors. *Developmental biology*, 530, 102.

Segú Cristina A, et al. (2026) Adhesion-controlled mechanics of the glial niche regulate neural stem cell proliferative potential. *Developmental cell*, 61(6), 1254.

Perucca P, et al. (2026) Anchorage-independent and faster growth in clonal population from UV-irradiated NER-deficient cells. *FEBS open bio*, 16(6), 1181.

Wang M, et al. (2026) Impaired VLCFA-peroxisome-mediated intestinal epithelial repair causes gastrointestinal sequelae of long COVID. *Developmental cell*.

Mida B, et al. (2026) A low-level Cdkn1c/p57kip2 expression in spinal progenitors drives the transition from proliferative to neurogenic modes of division. *EMBO reports*, 27(2), 433.

Gallardo-Caballero M, et al. (2026) Protocol to study adult neurogenesis in fresh-frozen human hippocampal tissue using an immunofluorescence quantitative approach. *STAR protocols*, 7(1), 104344.

Chen JJ, et al. (2026) Basal body docking failure triggers centriole clustering and elimination in mammalian spermatogenesis. *EMBO reports*.

Stanton DL, et al. (2026) Circadian regulation of reproduction and neoblast cell division in the catenulid flatworm *Stenostomum virginianum* (Platyhelminthes). *Photochemistry and photobiology*.

Valceschini E, et al. (2026) ZFHX4 is necessary for dopaminergic neuron differentiation and controls cell cycle by regulating LIN28A. *Stem cell reports*, 21(6), 102930.

Cruz J, et al. (2026) Single-cell transcriptomics of X-ray irradiated *Drosophila* wing discs reveals heterogeneity related to cell-cycle status and cell location. *eLife*, 14.

Shah R, et al. (2026) Cohesin cofactor dosage sets the rate of loop extrusion, rendering genome folding tunable yet vulnerable to genetic disruption. *Molecular cell*, 86(9), 1635.

Meroni A, et al. (2026) CIP2A recruits SLX4-MUS81-XPF in mitosis and protects against replication stress. *EMBO reports*, 27(13), 3585.

Stamatiou K, et al. (2026) Multi-omic analyses reveal a differential contribution of chromatin-associated PP1 holoenzymes to mitotic exit and G1 re-establishment. *Developmental cell*, 61(5), 1127.

Pitsouli C, et al. (2026) *Drosophila melanogaster* as a model host for studying *Pseudomonas aeruginosa* feeding infection. *Nature protocols*.

Latario SG, et al. (2026) Planar cell polarity complex internalization is dependent on Celsr1 cis-dimerization. *iScience*, 29(8), 116761.

Shen D, et al. (2026) Direct and indirect neurogenesis from radial glial progenitor cell clones in the mouse neocortex. *The EMBO journal*, 45(1), 182.