

Resource Summary Report

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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 326 mentions in open access literature.

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

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.

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

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.

Hu DJ, et al. (2025) Non-canonical Wnt signaling promotes epithelial fluidization in the repairing airway. *Nature communications*, 16(1), 4124.

Burgmer S, et al. (2025) Endosymbiont control through non-canonical immune signaling and gut metabolic remodeling. *Cell reports*, 44(6), 115811.

Liu L, et al. (2025) TWEAK-Fn14 signaling protects mice from pulmonary fibrosis by inhibiting fibroblast activation and recruiting pro-regenerative macrophages. *Cell reports*, 44(2), 115220.

Jeong H, et al. (2025) Microbiota-derived short-chain fatty acids determine stem cell characteristics of gastric chief cells. *Developmental cell*, 60(4), 599.

Littler S, et al. (2025) Targeting SUMOylation in ovarian cancer: Sensitivity, resistance, and the role of MYC. *iScience*, 28(6), 112555.

Michaut A, et al. (2025) Extracellular volume expansion drives vertebrate axis elongation. *Current biology : CB*, 35(4), 843.

Saha S, et al. (2025) Acute dietary methionine restriction triggers cell cycle arrest and reversible growth defects in the neocortex. *iScience*, 28(6), 112705.

Sethi SC, et al. (2025) Chromatin remodeling activity of EP400 safeguards chromosomal stability by preventing CENP-A mislocalization. *Cell reports*, 44(11), 116423.

Guerin DJ, et al. (2025) Notch Is Required for Neural Progenitor Proliferation During Embryonic Eye Regrowth. *International journal of molecular sciences*, 26(6).

Raaijmakers JA, et al. (2025) SRBD1, a highly conserved gene required for chromosome individualization. *Cell reports*, 44(4), 115443.

Tighe A, et al. (2025) Screening a living biobank identifies cabazitaxel as a strategy to combat acquired taxol resistance in high-grade serous ovarian cancer. *Cell reports. Medicine*, 6(6), 102160.

Geng L, et al. (2025) The N^ε-acetyl-L-lysine/Loxl2/H₂O₂ promotes intestinal tumor growth in *Drosophila* and cell proliferation in human colorectal cancer. *Cell reports*, 44(8), 116126.

Liu M, et al. (2025) CDK1-mediated phosphorylation of LDHA fuels mitosis through LDHB-dependent lactate oxidation. *EMBO reports*.

Arroyo-Gomez J, et al. (2025) Functional landscape of ubiquitin linkages couples K29-linked ubiquitylation to epigenome integrity. *The EMBO journal*, 44(23), 6944.

Cigrang M, et al. (2025) Pan-inhibition of super-enhancer-driven oncogenic transcription by next-generation synthetic ecteinascidins yields potent anti-cancer activity. *Nature communications*, 16(1), 512.

Naher S, et al. (2025) Kinesin-like motor protein KIF23 maintains neural stem and progenitor cell pools in the developing cortex. *The EMBO journal*, 44(2), 331.

Gorecki AM, et al. (2025) Detection of Mitotic Neuroblasts Provides Additional Evidence of Steady-State Neurogenesis in the Adult Small Intestinal Myenteric Plexus. *eNeuro*, 12(3).