

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

Rpb1 CTD (4H8) Mouse mAb

RRID:AB_2167468

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2629, RRID:AB_2167468

Antibody Information

URL: http://antibodyregistry.org/AB_2167468

Proper Citation: Cell Signaling Technology Cat# 2629, RRID:AB_2167468

Target Antigen: POLR2A

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IP, ChIP

Antibody Name: Rpb1 CTD (4H8) Mouse mAb

Description: This monoclonal targets POLR2A

Target Organism: rat, mouse, human

Antibody ID: AB_2167468

Vendor: Cell Signaling Technology

Catalog Number: 2629

Record Creation Time: 20250820T070702+0000

Record Last Update: 20250821T013803+0000

Ratings and Alerts

No rating or validation information has been found for Rpb1 CTD (4H8) Mouse mAb.

No alerts have been found for Rpb1 CTD (4H8) Mouse mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Kim G, et al. (2025) U1 snRNP regulates alternative promoter activity by inhibiting premature polyadenylation. *Molecular cell*, 85(10), 1968.

Edupuganti RR, et al. (2025) Integrator promotes the association of TFIID and RNA polymerase II to maintain pluripotency during development. *Molecular cell*, 85(15), 2937.

Kakani P, et al. (2025) Hypoxia-induced CTCF mediates alternative splicing via coupling chromatin looping and RNA Pol II pause to promote EMT in breast cancer. *Cell reports*, 44(2), 115267.

Wu L, et al. (2025) Transcription elongation factor ELOF1 is required for efficient somatic hypermutation and class switch recombination. *Molecular cell*, 85(7), 1296.

MacMillan AC, et al. (2025) PRPS activity tunes redox homeostasis in Myc-driven lymphoma. *Redox biology*, 84, 103649.

Degen EA, et al. (2025) Bicoid-nucleosome competition sets a concentration threshold for transcription constrained by genome replication. *Cell reports*, 44(8), 116121.

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

Liu Y, et al. (2024) MECP2 directly interacts with RNA polymerase II to modulate transcription in human neurons. *Neuron*, 112(12), 1943.

Ye T, et al. (2024) Identification of WNK1 as a therapeutic target to suppress IgH/MYC expression in multiple myeloma. *Cell reports*, 43(5), 114211.

Wang Z, et al. (2024) Histone demethylase PHF8 promotes prostate cancer metastasis via the E2F1-SNAI1 axis. *The Journal of pathology*, 264(1), 68.

Cenik BK, et al. (2024) TurboCas: A method for locus-specific labeling of genomic regions and isolating their associated protein interactome. *Molecular cell*, 84(24), 4929.

Li Z, et al. (2024) Nuclear microRNA-mediated transcriptional control determines adult microglial homeostasis and brain function. *Cell reports*, 43(3), 113964.

Yang KB, et al. (2024) Persistence of backtracking by human RNA polymerase II. *Molecular cell*, 84(5), 897.

van den Heuvel D, et al. (2024) STK19 facilitates the clearance of lesion-stalled RNAPII during transcription-coupled DNA repair. *Cell*, 187(25), 7107.

Duplaquet L, et al. (2024) Mammalian SWI/SNF complex activity regulates POU2F3 and constitutes a targetable dependency in small cell lung cancer. *Cancer cell*, 42(8), 1352.

Lupancu TJ, et al. (2023) Epigenetic and transcriptional regulation of CCL17 production by glucocorticoids in arthritis. *iScience*, 26(10), 108079.

Peterson JJ, et al. (2023) A histone deacetylase network regulates epigenetic reprogramming and viral silencing in HIV-infected cells. *Cell chemical biology*, 30(12), 1617.

Liu Y, et al. (2023) DNA-initiated epigenetic cascades driven by C9orf72 hexanucleotide repeat. *Neuron*, 111(8), 1205.

Ghobashi AH, et al. (2023) Activation of AKT induces EZH2-mediated H3K9me3-catenin trimethylation in colorectal cancer. *iScience*, 26(9), 107630.

Aoi Y, et al. (2022) SPT6 functions in transcriptional pause/release via PAF1C recruitment. *Molecular cell*, 82(18), 3412.