

# Resource Summary Report

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## Phospho-Rpb1 CTD (Ser5) (D9N5I) Rabbit mAb

RRID:AB\_2798246

Type: Antibody

### Proper Citation

Cell Signaling Technology Cat# 13523, RRID:AB\_2798246

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2798246](http://antibodyregistry.org/AB_2798246)

**Proper Citation:** Cell Signaling Technology Cat# 13523, RRID:AB\_2798246

**Target Antigen:** POLR2A

**Host Organism:** rabbit

**Clonality:** monoclonal

**Comments:** Applications: W, IP, ChIP, ChIP-seq

**Antibody Name:** Phospho-Rpb1 CTD (Ser5) (D9N5I) Rabbit mAb

**Description:** This monoclonal targets POLR2A

**Target Organism:** h, m, r, mk

**Clone ID:** Clone D9N5I

**Antibody ID:** AB\_2798246

**Vendor:** Cell Signaling Technology

**Catalog Number:** 13523

**Record Creation Time:** 20250819T210807+0000

**Record Last Update:** 20250819T215740+0000

### Ratings and Alerts

No rating or validation information has been found for Phospho-Rpb1 CTD (Ser5) (D9N5I) Rabbit mAb.

No alerts have been found for Phospho-Rpb1 CTD (Ser5) (D9N5I) Rabbit mAb.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Janssens DH, et al. (2026) Sequential RNA polymerase II activation drives human hematopoiesis. *Cell reports*, 45(1), 116802.

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

Hong J, et al. (2025) PSPC1 exerts an oncogenic role in AML by regulating a leukemic transcription program in cooperation with PU.1. *Cell stem cell*, 32(3), 463.

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

Harper NW, et al. (2025) RNA Pol II inhibition activates cell death independently from the loss of transcription. *Cell*.

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

Nukaya M, et al. (2025) CDK7 is a novel therapeutic target in fibrolamellar carcinoma. *iScience*, 28(12), 113925.

Rominger MC, et al. (2025) Mutant RIT1 cooperates with YAP to drive an EMT-like lung cancer state. *Cell reports*, 44(10), 116185.

Ma HY, et al. (2025) Targeting CDK7/12/13 functional synergism reverses myofibroblast activation and ameliorates lung fibrosis. *iScience*, 28(7), 112778.

Wu W, et al. (2025) Chromatin-bound U2AF2 splicing factor ensures exon inclusion. *Molecular cell*, 85(10), 1982.

Gao C, et al. (2025) Hypoxia-induced phase separation of ZHX2 alters chromatin looping to drive cancer metastasis. *Molecular cell*, 85(8), 1525.

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

Dias J, et al. (2024) Retinoic acid enhances HIV-1 reverse transcription and transcription in macrophages via mTOR-modulated mechanisms. *Cell reports*, 43(7), 114414.

Han X, et al. (2024) Nuclear RNA homeostasis promotes systems-level coordination of cell fate and senescence. *Cell stem cell*, 31(5), 694.

Wang Z, et al. (2024) The phosphatase PP1 sustains global transcription by promoting RNA polymerase II pause release. *Molecular cell*, 84(24), 4824.

Hong Y, et al. (2024) SAFB restricts contact domain boundaries associated with L1 chimeric transcription. *Molecular cell*, 84(9), 1637.

Ye X, et al. (2024) Enhancer-promoter activation by the Kaposi sarcoma-associated herpesvirus episome maintenance protein LANA. *Cell reports*, 43(3), 113888.

Chao TC, et al. (2024) Structural basis of the human transcriptional Mediator regulated by its dissociable kinase module. *Molecular cell*, 84(20), 3932.

Sun Z, et al. (2023) Chromatin regulation of transcriptional enhancers and cell fate by the Sotos syndrome gene NSD1. *Molecular cell*, 83(14), 2398.

Spens AE, et al. (2023) Human DUX4 and mouse Dux interact with STAT1 and broadly inhibit interferon-stimulated gene induction. *eLife*, 12.