Resource Summary Report

Generated by RRID on Aug 4, 2026

Anti-RNA polymerase II subunit B1 (phospho CTD Ser-2), clone 3E10

RRID:AB_11212363
Type: Antibody

Proper Citation

Millipore Cat# 04-1571, RRID:AB_11212363

Antibody Information

URL: http://antibodyregistry.org/AB_11212363

Proper Citation: Millipore Cat# 04-1571, RRID:AB_11212363

Target Antigen: RNA polymerase II subunit B1 (phospho CTD Ser-2) clone 3E10

Clonality: monoclonal

Comments: seller recommendations: IgG1; IgG1 Western Blot; ELISA; Immunocytochemistry; WB, ELISA

Antibody Name: Anti-RNA polymerase II subunit B1 (phospho CTD Ser-2), clone 3E10

Description: This monoclonal targets RNA polymerase II subunit B1 (phospho CTD Ser-2) clone 3E10

Target Organism: h, m

Antibody ID: AB_11212363

Vendor: Millipore

Catalog Number: 04-1571

Record Creation Time: 20250820T024603+0000

Record Last Update: 20250820T142809+0000

Ratings and Alerts

No rating or validation information has been found for Anti-RNA polymerase II subunit B1 (phospho CTD Ser-2), clone 3E10.

No alerts have been found for Anti-RNA polymerase II subunit B1 (phospho CTD Ser-2), clone 3E10.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Cacioppo R, et al. (2024) CRL3ARMC5 ubiquitin ligase and Integrator phosphatase form parallel mechanisms to control early stages of RNA Pol II transcription. Molecular cell, 84(24), 4808.

Cannon AC, et al. (2024) Unique vulnerability of RAC1-mutant melanoma to combined inhibition of CDK9 and immune checkpoints. Oncogene, 43(10), 729.

Pappas G, et al. (2023) MDC1 maintains active elongation complexes of RNA polymerase II. Cell reports, 42(1), 111979.

Cannon AC, et al. (2023) Unique vulnerability of RAC1-mutant melanoma to combined inhibition of CDK9 and immune checkpoints. bioRxiv : the preprint server for biology.

Moreno RY, et al. (2023) Distinctive interactomes of RNA polymerase II phosphorylation during different stages of transcription. iScience, 26(9), 107581.

Swaffer MP, et al. (2023) RNA polymerase II dynamics and mRNA stability feedback scale mRNA amounts with cell size. Cell, 186(24), 5254.

Zhao X, et al. (2021) Transcriptional programming drives Ibrutinib-resistance evolution in mantle cell lymphoma. Cell reports, 34(11), 108870.

Heo DH, et al. (2021) Transcription and chromatin-based surveillance mechanism controls suppression of cryptic antisense transcription. Cell reports, 36(10), 109671.

Richters A, et al. (2021) Modulating Androgen Receptor-Driven Transcription in Prostate Cancer with Selective CDK9 Inhibitors. Cell chemical biology, 28(2), 134.

Nakazawa Y, et al. (2020) Ubiquitination of DNA Damage-Stalled RNAPII Promotes Transcription-Coupled Repair. Cell, 180(6), 1228.

Aoi Y, et al. (2020) NELF Regulates a Promoter-Proximal Step Distinct from RNA Pol II Pause-Release. Molecular cell, 78(2), 261.

Hasler D, et al. (2020) The Alazami Syndrome-Associated Protein LARP7 Guides U6 Small Nuclear RNA Modification and Contributes to Splicing Robustness. Molecular cell, 77(5), 1014.

Zhang H, et al. (2020) CDK7 Inhibition Potentiates Genome Instability Triggering Anti-tumor Immunity in Small Cell Lung Cancer. Cancer cell, 37(1), 37.

Singh AK, et al. (2019) The RNA helicase UPF1 associates with mRNAs co-transcriptionally and is required for the release of mRNAs from gene loci. eLife, 8.

Olson CM, et al. (2019) Development of a Selective CDK7 Covalent Inhibitor Reveals Predominant Cell-Cycle Phenotype. Cell chemical biology, 26(6), 792.

Mayfield JE, et al. (2019) Tyr1 phosphorylation promotes phosphorylation of Ser2 on the C-terminal domain of eukaryotic RNA polymerase II by P-TEFb. eLife, 8.

Ferguson FM, et al. (2019) Discovery of Covalent CDK14 Inhibitors with Pan-TAIRE Family Specificity. Cell chemical biology, 26(6), 804.

Kecman T, et al. (2018) Elongation/Termination Factor Exchange Mediated by PP1 Phosphatase Orchestrates Transcription Termination. Cell reports, 25(1), 259.

Fischl H, et al. (2017) Paf1 Has Distinct Roles in Transcription Elongation and Differential Transcript Fate. Molecular cell, 65(4), 685.