Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 3, 2025

Anti-RNA polymerase II subunit B1 (phospho-CTD Ser-5), clone 3E8

RRID:AB_10615822
Type: Antibody

Proper Citation

(Millipore Cat# 04-1572, RRID:AB_10615822)

Antibody Information

URL: http://antibodyregistry.org/AB_10615822

Proper Citation: (Millipore Cat# 04-1572, RRID:AB_10615822)

Target Antigen: RNA polymerase II subunit B1 (phospho-CTD Ser-5) clone 3E8

Clonality: monoclonal

Comments: seller recommendations: IgG2a; IgG2a Western Blot; Immunocytochemistry; ChIP; ELISA; WB, ELISA, ChIP

Antibody Name: Anti-RNA polymerase II subunit B1 (phospho-CTD Ser-5), clone 3E8

Description: This monoclonal targets RNA polymerase II subunit B1 (phospho-CTD Ser-5) clone 3E8

Target Organism: h, m

Antibody ID: AB_10615822

Vendor: Millipore

Catalog Number: 04-1572

Record Creation Time: 20231110T071140+0000

Record Last Update: 20241115T052021+0000

Ratings and Alerts

No rating or validation information has been found for Anti-RNA polymerase II subunit B1 (phospho-CTD Ser-5), clone 3E8.

No alerts have been found for Anti-RNA polymerase II subunit B1 (phospho-CTD Ser-5), clone 3E8.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Velychko T, et al. (2024) CDK7 kinase activity promotes RNA polymerase II promoter escape by facilitating initiation factor release. Molecular cell, 84(12), 2287.

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

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

Perurena N, et al. (2023) USP9X mediates an acute adaptive response to MAPK suppression in pancreatic cancer but creates multiple actionable therapeutic vulnerabilities. Cell reports. Medicine, 4(4), 101007.

Lyons H, et al. (2023) Functional partitioning of transcriptional regulators by patterned charge blocks. Cell, 186(2), 327.

Berry S, et al. (2022) Feedback from nuclear RNA on transcription promotes robust RNA concentration homeostasis in human cells. Cell systems, 13(6), 454.

Allen BL, et al. (2022) Suppression of p53 response by targeting p53-Mediator binding with a stapled peptide. Cell reports, 39(1), 110630.

Aoi Y, et al. (2021) SPT5 stabilization of promoter-proximal RNA polymerase II. Molecular cell, 81(21), 4413.

Badjatia N, et al. (2021) Acute stress drives global repression through two independent RNA polymerase II stalling events in Saccharomyces. Cell reports, 34(3), 108640.

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

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

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.

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

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.

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.