

# Resource Summary Report

Generated by ASWG on Aug 9, 2026

## RpII215-dmelanogaster

RRID:AB\_309852

Type: Antibody

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### Proper Citation

Millipore Cat# 05-623, RRID:AB\_309852

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_309852](http://antibodyregistry.org/AB_309852)

**Proper Citation:** Millipore Cat# 05-623, RRID:AB\_309852

**Target Antigen:** RpII215

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** ENCODE PROJECT External validation DATA SET is released testing lot unknown for any cell type or tissues; status is awaiting lab characterization

**Antibody Name:** RpII215-dmelanogaster

**Description:** This monoclonal targets RpII215

**Target Organism:** drosophila melanogaster

**Clone ID:** Clone CTD4H8

**Antibody ID:** AB\_309852

**Vendor:** Millipore

**Catalog Number:** 05-623

**Record Creation Time:** 20250820T070656+0000

**Record Last Update:** 20250821T013754+0000

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### Ratings and Alerts

- ENCODE PROJECT External validation for lot: unknown is available under ENCODE ID: ENCAB597MCQ - ENCODE <https://www.encodeproject.org/antibodies/ENCAB597MCQ>

No alerts have been found for RpII215-dmelanogaster.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 40 mentions in open access literature.

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

Marmolejo CO, et al. (2026) Precise control of transcription condensates across S phase balances linker histone expression with DNA replication, ensuring genome stability. Molecular cell, 86(4), 640.

Wang Q, et al. (2026) FANCA-dependent FEN1 recruitment suppresses transcription-replication conflicts and PARPi sensitivity. Molecular cell.

Chen H, et al. (2026) Genome-wide rotational and translational phasing of nucleosomes with human transcription factors. Molecular cell, 86(14), 2722.

Jiang S, et al. (2026) HSPA1A and DNAJB1 regulate NELF condensate dynamics to safeguard transcriptional recovery under heat stress. Molecular cell, 86(4), 674.

Liu H, et al. (2026) C9orf72 hexanucleotide repeat RNA drives transcriptional dysregulation through genome-wide DNA:RNA hybrid G-quadruplexes. Neuron, 114(6), 1045.

Sun Q, et al. (2026) CircRNA-encoded RIPK1-98 protein drives lung adenocarcinoma progression. Developmental cell, 61(5), 1092.

Ummethum H, et al. (2025) The CGG triplet repeat binding protein 1 counteracts R-loop induced transcription-replication stress. EMBO reports, 26(19), 4691.

Devlin JR, et al. (2025) A CDK11-dependent RNA polymerase II pause-checkpoint precedes CDK9-mediated transition to transcriptional elongation. Molecular cell, 85(17), 3256.

Li J, et al. (2025) SARS-CoV-2 nonstructural protein 1 suppresses host transcription by reducing RNA polymerase II levels. iScience, 28(12), 114233.

Leuzzi G, et al. (2024) SMARCAL1 is a dual regulator of innate immune signaling and PD-L1 expression that promotes tumor immune evasion. Cell, 187(4), 861.

Vemuri K, et al. (2024) Dynamic RNA polymerase II occupancy drives differentiation of the intestine under the direction of HNF4. Cell reports, 43(6), 114242.

Saha D, et al. (2024) Enhancer switching in cell lineage priming is linked to eRNA, Brg1's AT-hook, and SWI/SNF recruitment. *Molecular cell*, 84(10), 1855.

Kim J, et al. (2024) An enhancer RNA recruits KMT2A to regulate transcription of Myb. *Cell reports*, 43(7), 114378.

Milevskiy MJG, et al. (2023) Three-dimensional genome architecture coordinates key regulators of lineage specification in mammary epithelial cells. *Cell genomics*, 3(11), 100424.

Kumar A, et al. (2022) KSHV episome tethering sites on host chromosomes and regulation of latency-lytic switch by CHD4. *Cell reports*, 39(6), 110788.

Qiu Z, et al. (2022) Transcription Elongation Machinery Is a Druggable Dependency and Potentiates Immunotherapy in Glioblastoma Stem Cells. *Cancer discovery*, 12(2), 502.

Dufour CR, et al. (2022) The mTOR chromatin-bound interactome in prostate cancer. *Cell reports*, 38(12), 110534.

Fernández-Justel JM, et al. (2022) Histone H1 regulates non-coding RNA turnover on chromatin in a m6A-dependent manner. *Cell reports*, 40(11), 111329.

Guo Q, et al. (2021) A  $\beta$ -catenin-driven switch in TCF/LEF transcription factor binding to DNA target sites promotes commitment of mammalian nephron progenitor cells. *eLife*, 10.

Huang SK, et al. (2021) Spatial organization of transcribing loci during early genome activation in *Drosophila*. *Current biology : CB*, 31(22), 5102.