

Resource Summary Report

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

RING1B (D22F2) XP Rabbit mAb

RRID:AB_10705604

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 5694, RRID:AB_10705604

Antibody Information

URL: http://antibodyregistry.org/AB_10705604

Proper Citation: Cell Signaling Technology Cat# 5694, RRID:AB_10705604

Target Antigen: RING1B (D22F2) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC, ChIP, ChIP-seq. Consolidation on 11/2018: AB_10705604, AB_10706357, AB_2616006.

Antibody Name: RING1B (D22F2) XP Rabbit mAb

Description: This monoclonal targets RING1B (D22F2) XP Rabbit mAb

Target Organism: rat, h, m, mouse, r, human, mk

Antibody ID: AB_10705604

Vendor: Cell Signaling Technology

Catalog Number: 5694

Record Creation Time: 20250820T045623+0000

Record Last Update: 20250820T202039+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 1 is available under ENCODE ID: ENCAB000BEA - ENCODE

No alerts have been found for RING1B (D22F2) XP Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Qiu S, et al. (2025) A pathological role of O-GlcNAcylation-driven TR11B production and function in lung adenocarcinoma. *Developmental cell*.

Bryan E, et al. (2025) Nucleosomal asymmetry shapes histone mark binding and promotes poising at bivalent domains. *Molecular cell*, 85(3), 471.

Guan S, et al. (2025) Protocol for visualizing the chromatin assembly properties of epigenetic protein complexes via an HTM module-mediated artificial tethering system. *STAR protocols*, 6(1), 103597.

Much C, et al. (2025) Distinct specificity and functions of PRC2 subcomplexes in human stem cells and cardiac differentiation. *Molecular cell*, 85(16), 3057.

Gordon J, et al. (2025) PELP1 coordinates the modular assembly and enzymatic activity of the rixosome complex. *Science advances*, 11(30), eadw4603.

Trotman JB, et al. (2025) Isogenic comparison of Airn and Xist reveals core principles of Polycomb recruitment by lncRNAs. *Molecular cell*, 85(6), 1117.

Lagan E, et al. (2025) A specific form of cPRC1 containing CBX4 is co-opted to mediate oncogenic gene repression in diffuse midline glioma. *Molecular cell*, 85(11), 2110.

Guan S, et al. (2024) CBX7C???PHC2 interaction facilitates PRC1 assembly and modulates its phase separation properties. *iScience*, 27(4), 109548.

Wu T, et al. (2024) METTL3-mediated m6A modification regulates the polycomb repressive complex 1 (PRC1) components BMI1 and RNF2 in hepatocellular carcinoma cells. *Molecular cancer research : MCR*.

Rivard RS, et al. (2024) Improved detection of DNA replication fork-associated proteins. *Cell reports*, 43(5), 114178.

Arends T, et al. (2024) DUX4-induced HSATII transcription causes KDM2A/B-PRC1 nuclear foci and impairs DNA damage response. *The Journal of cell biology*, 223(5).

Wang H, et al. (2024) The E3 ubiquitin ligase RNF220 maintains hindbrain Hox expression patterns through regulation of WDR5 stability. *eLife*, 13.

LaBella KA, et al. (2024) Telomere dysfunction alters intestinal stem cell dynamics to promote cancer. *Developmental cell*, 59(11), 1475.

Niekamp S, et al. (2024) Modularity of PRC1 composition and chromatin interaction define condensate properties. *Molecular cell*, 84(9), 1651.

Flury V, et al. (2023) Recycling of modified H2A-H2B provides short-term memory of chromatin states. *Cell*, 186(5), 1050.

Hazawa M, et al. (2023) Super-enhancer trapping by the nuclear pore via intrinsically disordered regions of proteins in squamous cell carcinoma cells. *Cell chemical biology*.

Bracer AK, et al. (2023) Proximity-dependent recruitment of Polycomb repressive complexes by the lncRNA Airn. *Cell reports*, 42(7), 112803.

Hickey GJ, et al. (2022) Establishment of developmental gene silencing by ordered polycomb complex recruitment in early zebrafish embryos. *eLife*, 11.

Fitieh A, et al. (2022) BMI-1 regulates DNA end resection and homologous recombination repair. *Cell reports*, 38(12), 110536.

Drosos Y, et al. (2022) NSD1 mediates antagonism between SWI/SNF and polycomb complexes and is required for transcriptional activation upon EZH2 inhibition. *Molecular cell*, 82(13), 2472.