

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

Mouse Anti-Histone H2B Monoclonal Antibody, Unconjugated, Clone 53H3

RRID:AB_2295301

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2934, RRID:AB_2295301

Antibody Information

URL: http://antibodyregistry.org/AB_2295301

Proper Citation: Cell Signaling Technology Cat# 2934, RRID:AB_2295301

Target Antigen: Histone H2B

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W

Antibody Name: Mouse Anti-Histone H2B Monoclonal Antibody, Unconjugated, Clone 53H3

Description: This monoclonal targets Histone H2B

Target Organism: Human, Rat, Monkey, Zebrafish, Mouse

Clone ID: 53H3

Antibody ID: AB_2295301

Vendor: Cell Signaling Technology

Catalog Number: 2934

Alternative Catalog Numbers: 2934S

Record Creation Time: 20250820T003102+0000

Record Last Update: 20250820T082842+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Histone H2B Monoclonal Antibody, Unconjugated, Clone 53H3.

No alerts have been found for Mouse Anti-Histone H2B Monoclonal Antibody, Unconjugated, Clone 53H3.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Jenkins TW, et al. (2025) Highly specific Immunoproteasome inhibitor M3258 induces proteotoxic stress and apoptosis in KMT2A::AFF1 driven acute lymphoblastic leukemia. Scientific reports, 15(1), 17284.

Wang M, et al. (2023) Crucial roles of the BRCA1-BARD1 E3 ubiquitin ligase activity in homology-directed DNA repair. Molecular cell, 83(20), 3679.

Sundararajan S, et al. (2023) Methylated histones on mitotic chromosomes promote topoisomerase II β function for high fidelity chromosome segregation. iScience, 26(5), 106743.

Shim S, et al. (2023) Calcium dynamics at the neural cell primary cilium regulate Hedgehog signaling-dependent neurogenesis in the embryonic neural tube. Proceedings of the National Academy of Sciences of the United States of America, 120(23), e2220037120.

Lin J, et al. (2021) A tri-functional amino acid enables mapping of binding sites for posttranslational-modification-mediated protein-protein interactions. Molecular cell, 81(12), 2669.

Li J, et al. (2017) Artemisinins Target GABAA Receptor Signaling and Impair ? Cell Identity. Cell, 168(1-2), 86.

Mahajan K, et al. (2017) ACK1/TNK2 Regulates Histone H4 Tyr88-phosphorylation and AR Gene Expression in Castration-Resistant Prostate Cancer. Cancer cell, 31(6), 790.

Dunn CJ, et al. (2017) Histone Hypervariants H2A.Z.1 and H2A.Z.2 Play Independent and Context-Specific Roles in Neuronal Activity-Induced Transcription of Arc/Arg3.1 and Other Immediate Early Genes. eNeuro, 4(4).