# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

## 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:** 20231110T082453+0000

**Record Last Update:** 20241115T040759+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 7 mentions in open access literature.

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


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.

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.

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

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).