

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

Mouse Anti-Ub Monoclonal Antibody, Unconjugated, Clone A-5

RRID:AB_2241297

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-166553, RRID:AB_2241297

Antibody Information

URL: http://antibodyregistry.org/AB_2241297

Proper Citation: Santa Cruz Biotechnology Cat# sc-166553, RRID:AB_2241297

Target Antigen: Ubb

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: western blot, ELISA, immunoprecipitation, immunocytochemistry

Antibody Name: Mouse Anti-Ub Monoclonal Antibody, Unconjugated, Clone A-5

Description: This monoclonal targets Ubb

Target Organism: rat, mouse, human

Antibody ID: AB_2241297

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-166553

Record Creation Time: 20250820T043914+0000

Record Last Update: 20250820T193356+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Ub Monoclonal Antibody, Unconjugated, Clone A-5.

No alerts have been found for Mouse Anti-Ub Monoclonal Antibody, Unconjugated, Clone A-5.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Liu X, et al. (2026) Tucatinib alleviates postmenopausal osteoporosis by suppressing osteoclast differentiation via regulating the DRP1/NFATc1/CTSK signaling pathway. *Biochemical pharmacology*, 250(Pt 1), 117962.

Zhu S, et al. (2025) Isoform-specific function of NSD3 in DNA replication stress confers resistance to PARP inhibitors in prostate cancer. *Molecular cell*, 85(14), 2673.

Welch N, et al. (2024) Differential impact of sex on regulation of skeletal muscle mitochondrial function and protein homeostasis by hypoxia-inducible factor-1? in normoxia. *The Journal of physiology*, 602(12), 2763.

Carrasquillo Rodríguez JW, et al. (2024) Differential reliance of CTD-nuclear envelope phosphatase 1 on its regulatory subunit in ER lipid synthesis and storage. *Molecular biology of the cell*, 35(7), ar101.

Cabello AL, et al. (2024) Brucella-driven host N-glycome remodeling controls infection. *Cell host & microbe*, 32(4), 588.

Moradi Marjaneh M, et al. (2023) Quantitative trait and transcriptome analysis of genetic complexity underpinning cardiac interatrial septation in mice using an advanced intercross line. *eLife*, 12.

Cichocki F, et al. (2023) Nicotinamide enhances natural killer cell function and yields remissions in patients with non-Hodgkin lymphoma. *Science translational medicine*, 15(705), eade3341.

Tang Y, et al. (2023) ALKBH5-mediated m6A demethylation of HS3ST3B1-IT1 prevents osteoarthritis progression. *iScience*, 26(10), 107838.

Apaydin T, et al. (2023) WIP1 is a novel specific target for growth hormone action. *iScience*, 26(11), 108117.

Gao Y, et al. (2022) Lipid-mediated phase separation of AGO proteins on the ER controls nascent-peptide ubiquitination. *Molecular cell*, 82(7), 1313.

Zhang Z, et al. (2020) Acetylation-Dependent Deubiquitinase OTUD3 Controls MAVS Activation in Innate Antiviral Immunity. *Molecular cell*, 79(2), 304.

Ji S, et al. (2019) LC Domain-Mediated Coalescence Is Essential for Otu Enzymatic Activity to Extend *Drosophila* Lifespan. *Molecular cell*, 74(2), 363.

Epanchintsev A, et al. (2017) Cockayne's Syndrome A and B Proteins Regulate Transcription Arrest after Genotoxic Stress by Promoting ATF3 Degradation. *Molecular cell*, 68(6), 1054.