

Resource Summary Report

Generated by PRECISE-TBI on Aug 15, 2026

DOT1L (D1W4Z) Rabbit mAb

RRID:AB_2799889

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 77087, RRID:AB_2799889

Antibody Information

URL: http://antibodyregistry.org/AB_2799889

Proper Citation: Cell Signaling Technology Cat# 77087, RRID:AB_2799889

Target Antigen: DOT1L

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, ChIP

Antibody Name: DOT1L (D1W4Z) Rabbit mAb

Description: This monoclonal targets DOT1L

Target Organism: h, mk

Clone ID: Clone D1W4Z

Antibody ID: AB_2799889

Vendor: Cell Signaling Technology

Catalog Number: 77087

Record Creation Time: 20250819T235715+0000

Record Last Update: 20250820T065546+0000

Ratings and Alerts

No rating or validation information has been found for DOT1L (D1W4Z) Rabbit mAb.

No alerts have been found for DOT1L (D1W4Z) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Cobo I, et al. (2025) Particle uptake by macrophages triggers bifurcated transcriptional pathways that differentially regulate inflammation and lysosomal gene expression. *Immunity*, 58(4), 826.

Ye T, et al. (2024) Identification of WNK1 as a therapeutic target to suppress IgH/MYC expression in multiple myeloma. *Cell reports*, 43(5), 114211.

Liang F, et al. (2024) DOT1L/H3K79me2 represses HIV-1 reactivation via recruiting DCAF1. *Cell reports*, 43(7), 114368.

Olsen SN, et al. (2022) MLL::AF9 degradation induces rapid changes in transcriptional elongation and subsequent loss of an active chromatin landscape. *Molecular cell*, 82(6), 1140.

Song L, et al. (2022) Hotspot mutations in the structured ENL YEATS domain link aberrant transcriptional condensates and cancer. *Molecular cell*, 82(21), 4080.

Hemming ML, et al. (2022) MOZ and Menin-MLL Complexes Are Complementary Regulators of Chromatin Association and Transcriptional Output in Gastrointestinal Stromal Tumor. *Cancer discovery*, 12(7), 1804.

Lv S, et al. (2022) Efficient and reversible Cas13d-mediated knockdown with an all-in-one lentivirus-vector. *Frontiers in bioengineering and biotechnology*, 10, 960192.

Song T, et al. (2021) DOT1L O-GlcNAcylation promotes its protein stability and MLL-fusion leukemia cell proliferation. *Cell reports*, 36(12), 109739.

Itskovich SS, et al. (2020) MBNL1 regulates essential alternative RNA splicing patterns in MLL-rearranged leukemia. *Nature communications*, 11(1), 2369.

Yi D, et al. (2020) Dot1l interacts with Zc3h10 to activate Ucp1 and other thermogenic genes. *eLife*, 9.

Krivtsov AV, et al. (2019) A Menin-MLL Inhibitor Induces Specific Chromatin Changes and Eradicates Disease in Models of MLL-Rearranged Leukemia. *Cancer cell*, 36(6), 660.