

Resource Summary Report

Generated by PRECISE-TBI on Aug 31, 2026

Cleaved Caspase-3 (Asp175) (D3E9) Rabbit mAb

RRID:AB_10897512

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 9579, RRID:AB_10897512

Antibody Information

URL: http://antibodyregistry.org/AB_10897512

Proper Citation: Cell Signaling Technology Cat# 9579, RRID:AB_10897512

Target Antigen: Cleaved Caspase-3 (Asp175) (D3E9) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: IHC-P, IF-IC, F

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: Cleaved Caspase-3 (Asp175) (D3E9) Rabbit mAb

Description: This monoclonal targets Cleaved Caspase-3 (Asp175) (D3E9) Rabbit mAb

Target Organism: b, rat, porcine, h, m, mouse, r, pg, bovine, human, mk

Antibody ID: AB_10897512

Vendor: Cell Signaling Technology

Catalog Number: 9579

Record Creation Time: 20250819T230941+0000

Record Last Update: 20250820T042901+0000

Ratings and Alerts

- Independent validation by the NYU Langone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Cleaved Caspase-3 (Asp175) (D3E9) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Pribyl LJ, et al. (2026) Persistent interferon signaling and clonal expansion mark early events in DNA methylation damage-induced liver cancer. NAR cancer, 8(2), zcag014.

Karakousi T, et al. (2026) IFN γ -dependent metabolic reprogramming restrains an immature, pro-metastatic lymphatic state in melanoma. Cancer cell, 44(4), 792.

Hung YC, et al. (2026) Hilar mossy cell oxytocin receptor signaling regulates adult hippocampal neurogenesis and context discrimination in mice. Journal of biomedical science, 33(1), 17.

Ho YH, et al. (2026) Nociceptive innervation limits tertiary lymphoid structures to promote lung cancer. Cell, 189(14), 4276.

Galeano Niño JL, et al. (2026) Tumor-infiltrating bacteria disrupt cancer epithelial cell interactions and induce cell-cycle arrest. Cancer cell, 44(1), 166.

Liu X, et al. (2026) SARS-CoV-2 directly infects the inner ear and causes hearing dysfunction. Cell reports, 45(4), 117251.

Azeem SM, et al. (2025) EGR1 Mediates Riluzole-Induced Apoptosis in Osteosarcoma via the Yap/p73-Bax Signaling Axis. bioRxiv : the preprint server for biology.

Ameku T, et al. (2025) Growth of the maternal intestine during reproduction. Cell, 188(10), 2738.

Feng Y, et al. (2025) Longitudinal Imaging Reveals Tumor Uptake and Prolonged Retention of Bispecific T Cell-Engaging Antibody in GBM via Passive and Active Mechanisms. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(16), 3537.

Cao T, et al. (2024) Cancer SLC6A6-mediated taurine uptake transactivates immune checkpoint genes and induces exhaustion in CD8⁺ T cells. *Cell*, 187(9), 2288.

Savage TM, et al. (2024) Amphiregulin from regulatory T cells promotes liver fibrosis and insulin resistance in non-alcoholic steatohepatitis. *Immunity*, 57(2), 303.

Tamnanloo F, et al. (2024) Excessive intragastric alcohol administration exacerbates hepatic encephalopathy and provokes neuronal cell death in male rats with chronic liver disease. *Journal of neuroscience research*, 102(5), e25337.

Zhang J, et al. (2024) Osr2 functions as a biomechanical checkpoint to aggravate CD8⁺ T cell exhaustion in tumor. *Cell*, 187(13), 3409.

Anichini G, et al. (2023) Combined Inhibition of Smoothed and the DNA Damage Checkpoint WEE1 Exerts Antitumor Activity in Cholangiocarcinoma. *Molecular cancer therapeutics*, 22(3), 343.

Yang T, et al. (2023) Triggering endogenous Z-RNA sensing for anti-tumor therapy through ZBP1-dependent necroptosis. *Cell reports*, 42(11), 113377.

Stabell AR, et al. (2023) Single-cell transcriptomics of human-skin-equivalent organoids. *Cell reports*, 42(5), 112511.

Kim S, et al. (2023) Sequential activation of E2F via Rb degradation and c-Myc drives resistance to CDK4/6 inhibitors in breast cancer. *Cell reports*, 42(11), 113198.

Mertens S, et al. (2023) Drug-repurposing screen on patient-derived organoids identifies therapy-induced vulnerability in KRAS-mutant colon cancer. *Cell reports*, 42(4), 112324.

Qin X, et al. (2023) An oncogenic phenoscape of colonic stem cell polarization. *Cell*, 186(25), 5554.

Kim S, et al. (2023) Kinetics of RTK activation determine ERK reactivation and resistance to dual BRAF/MEK inhibition in melanoma. *Cell reports*, 42(6), 112570.