

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

Brilliant Violet 421(TM) anti-mouse CD3

RRID:AB_10900227

Type: Antibody

Proper Citation

BioLegend Cat# 100227, RRID:AB_10900227

Antibody Information

URL: http://antibodyregistry.org/AB_10900227

Proper Citation: BioLegend Cat# 100227, RRID:AB_10900227

Target Antigen: CD3

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, ICC

Antibody Name: Brilliant Violet 421(TM) anti-mouse CD3

Description: This monoclonal targets CD3

Target Organism: mouse

Clone ID: Clone 17A2

Antibody ID: AB_10900227

Vendor: BioLegend

Catalog Number: 100227

Alternative Catalog Numbers: 100228

Record Creation Time: 20250820T063920+0000

Record Last Update: 20250821T003804+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421(TM) anti-mouse CD3.

No alerts have been found for Brilliant Violet 421(TM) anti-mouse CD3.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Duan J, et al. (2026) Loss of B3GAT1/HNK-1 disrupts glioma-CD8+ T cell immune synapse formation for immune escape. International immunopharmacology, 169, 115877.

Wang JM, et al. (2025) KIF26B promotes bladder cancer progression via activating Wnt/?-catenin signaling in a TRAF2-dependent pathway. Cell reports, 44(5), 115595.

Gu C, et al. (2025) An innovative engineered IL-10 monomer strengthens T cell-mediated anti-tumor responses through anti-PD-1 cis-delivery. Cell reports. Medicine, 102515.

Yin Y, et al. (2025) Activated T cells degrade extracellular proteins to enhance effector functions. Cell reports, 45(1), 116797.

Chen L, et al. (2024) Palmitoylation alters LDHA activity and pancreatic cancer response to chemotherapy. Cancer letters, 587, 216696.

Li JJ, et al. (2024) Differentiation route determines the functional outputs of adult megakaryopoiesis. Immunity, 57(3), 478.

Swaminathan S, et al. (2024) LAG-3- and CXCR5-expressing CD4 T cells display progenitor-like properties during chronic visceral leishmaniasis. Cell reports, 43(3), 113879.

Liu T, et al. (2024) An axon-T cell feedback loop enhances inflammation and axon degeneration. Cell reports, 43(2), 113721.

Beck JD, et al. (2024) Long-lasting mRNA-encoded interleukin-2 restores CD8+ T cell neoantigen immunity in MHC class I-deficient cancers. Cancer cell.

Zewdie EY, et al. (2024) MerTK Induces Dysfunctional Dendritic Cells by Metabolic Reprogramming. Cancer immunology research, 12(9), 1268.

Zhou C, et al. (2024) Anti-tumor efficacy of HRS-4642 and its potential combination with proteasome inhibition in KRAS G12D-mutant cancer. Cancer cell, 42(7), 1286.

Bhaskar A, et al. (2023) SIRT2 inhibition by AGK2 enhances mycobacteria-specific stem cell memory responses by modulating beta-catenin and glycolysis. *iScience*, 26(5), 106644.

Anstee JE, et al. (2023) LYVE-1+ macrophages form a collaborative CCR5-dependent perivascular niche that influences chemotherapy responses in murine breast cancer. *Developmental cell*, 58(17), 1548.

Beziaud L, et al. (2023) IFN γ -induced stem-like state of cancer cells as a driver of metastatic progression following immunotherapy. *Cell stem cell*, 30(6), 818.

Song Z, et al. (2023) Targeting of Annexin A1 in Tumor-associated Macrophages as a therapeutic strategy for hepatocellular carcinoma. *Biochemical pharmacology*, 213, 115612.

Mills EL, et al. (2022) Cysteine 253 of UCP1 regulates energy expenditure and sex-dependent adipose tissue inflammation. *Cell metabolism*, 34(1), 140.

Kurz E, et al. (2022) Exercise-induced engagement of the IL-15/IL-15R α axis promotes anti-tumor immunity in pancreatic cancer. *Cancer cell*, 40(7), 720.

Spindler MP, et al. (2022) Human gut microbiota stimulate defined innate immune responses that vary from phylum to strain. *Cell host & microbe*, 30(10), 1481.

Kiani Shabestari S, et al. (2022) Absence of microglia promotes diverse pathologies and early lethality in Alzheimer's disease mice. *Cell reports*, 39(11), 110961.

Welters C, et al. (2022) Immune Phenotypes and Target Antigens of Clonally Expanded Bone Marrow T Cells in Treatment-Naïve Multiple Myeloma. *Cancer immunology research*, 10(11), 1407.