

Resource Summary Report

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

Brilliant Violet 421(TM) anti-human CD3

RRID:AB_2565849

Type: Antibody

Proper Citation

BioLegend Cat# 317344, RRID:AB_2565849

Antibody Information

URL: http://antibodyregistry.org/AB_2565849

Proper Citation: BioLegend Cat# 317344, RRID:AB_2565849

Target Antigen: CD3

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

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

Description: This monoclonal targets CD3

Target Organism: human

Clone ID: Clone OKT3

Antibody ID: AB_2565849

Vendor: BioLegend

Catalog Number: 317344

Alternative Catalog Numbers: 317343

Record Creation Time: 20250820T041009+0000

Record Last Update: 20250820T181355+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Pi R, et al. (2025) NKp30 and NKG2D contribute to natural killer cell-mediated recognition of HIV-infected cells. *iScience*, 28(10), 113548.

Wong YC, et al. (2025) An open-label study on the safety and immunogenicity of a PD-1-enhanced DNA vaccine used as a T cell booster for COVID-19. *EBioMedicine*, 115, 105699.

He S, et al. (2025) Systemic immune activity occurs during human immune system maturation. *Cell*, 188(25), 7291.

da Silva Bortoleti BT, et al. (2025) A monoclonal antibody that inhibits the shedding of CD16a and CD16b and promotes antibody-dependent cellular cytotoxicity against tumors. *Nature communications*, 16(1), 9915.

Hammer Q, et al. (2024) Genetic ablation of adhesion ligands mitigates rejection of allogeneic cellular immunotherapies. *Cell stem cell*, 31(9), 1376.

Prinz LF, et al. (2024) An anti-CD19/CTLA-4 switch improves efficacy and selectivity of CAR T cells targeting CD80/86-upregulated DLBCL. *Cell reports. Medicine*, 5(2), 101421.

Tang F, et al. (2023) A pan-cancer single-cell panorama of human natural killer cells. *Cell*, 186(19), 4235.

Gamradt S, et al. (2021) Reduced mitochondrial respiration in T cells of patients with major depressive disorder. *iScience*, 24(11), 103312.

Willcox CR, et al. (2019) Butyrophilin-like 3 Directly Binds a Human V α 4+ T Cell Receptor Using a Modality Distinct from Clonally-Restricted Antigen. *Immunity*, 51(5), 813.