Resource Summary Report

Generated by dkNET on Sep 14, 2026

Brilliant Violet 421(TM) anti-human CD45

RRID:AB_2687375
Type: Antibody

Proper Citation

BioLegend Cat# 368522, RRID:AB_2687375

Antibody Information

URL: http://antibodyregistry.org/AB_2687375

Proper Citation: BioLegend Cat# 368522, RRID:AB_2687375

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 421(TM) anti-human CD45

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: Clone 2D1

Antibody ID: AB_2687375

Vendor: BioLegend

Catalog Number: 368522

Alternative Catalog Numbers: 368521

Record Creation Time: 20231110T034043+0000

Record Last Update: 20260901T040937+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421(TM) anti-human CD45.

No alerts have been found for Brilliant Violet 421(TM) anti-human CD45.

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 dkNET .

Zhou P, et al. (2026) Targeting senescent EGR1+ B cells enhances immunotherapy efficacy in esophageal squamous cell carcinoma. Cell reports. Medicine, 102532.

Wang X, et al. (2025) Spatial and Single-Cell Analyses Reveal Heterogeneity of DNAM-1 Receptor-Ligand Interactions That Instructs Intratumoral ??T-cell Activity. Cancer research, 85(2), 277.

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.

Binan L, et al. (2025) Simultaneous CRISPR screening and spatial transcriptomics reveal intracellular, intercellular, and functional transcriptional circuits. Cell, 188(8), 2141.

Lu Y, et al. (2025) Functional Genetic Screens Reveal Key Pathways Instructing the Molecular Phenotypes of Tumor-Associated Macrophages. Cancer immunology research, 13(12), 2054.

Seo S, et al. (2025) Allelic bias contributes to heterogeneous phenotypes of NK cell deficiency. Cell reports, 44(8), 116102.

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

Yan J, et al. (2024) Single-cell analysis reveals insights into epithelial abnormalities in ovarian endometriosis. Cell reports, 43(3), 113716.

Besser E, et al. (2024) Cannabinoid combination targets NOTCH1-mutated T-cell acute lymphoblastic leukemia through the integrated stress response pathway. eLife, 12.

Nishimura A, et al. (2023) Myeloid/natural killer (NK) cell precursor acute leukemia as a distinct leukemia type. Science advances, 9(50), eadj4407.

Gómez-Salinero JM, et al. (2022) Specification of fetal liver endothelial progenitors to functional zonated adult sinusoids requires c-Maf induction. Cell stem cell, 29(4), 593.

Sasamoto Y, et al. (2022) Limbal BCAM expression identifies a proliferative progenitor population capable of holoclone formation and corneal differentiation. Cell reports, 40(6), 111166.

Nagpal N, et al. (2020) Small-Molecule PAPD5 Inhibitors Restore Telomerase Activity in Patient Stem Cells. Cell stem cell, 26(6), 896.