

Resource Summary Report

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Brilliant Violet 421(TM) anti-human CD45RA

RRID:AB_10965547

Type: Antibody

Proper Citation

BioLegend Cat# 304130, RRID:AB_10965547

Antibody Information

URL: http://antibodyregistry.org/AB_10965547

Proper Citation: BioLegend Cat# 304130, RRID:AB_10965547

Target Antigen: CD45RA

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC, IHC-P

Antibody Name: Brilliant Violet 421(TM) anti-human CD45RA

Description: This monoclonal targets CD45RA

Target Organism: human

Clone ID: Clone HI100

Antibody ID: AB_10965547

Vendor: BioLegend

Catalog Number: 304130

Alternative Catalog Numbers: 304129

Record Creation Time: 20250820T010538+0000

Record Last Update: 20250820T100115+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421(TM) anti-human CD45RA.

No alerts have been found for Brilliant Violet 421(TM) anti-human CD45RA.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Armstrong A, et al. (2026) Ibrutinib and PD-1 Blockade Potentiate Mesothelin-Targeting CAR T-cell Therapy in Preclinical Models of Pancreatic Cancer. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(3), 611.

Pereira-Martins DA, et al. (2026) ?Np73 isoform defines a TP53-mutant-like poor-risk subgroup of acute myeloid leukemia. Cell reports. Medicine, 102540.

Gurashi K, et al. (2025) An integrative multiparametric approach stratifies putative distinct phenotypes of blast phase chronic myelomonocytic leukemia. Cell reports. Medicine, 6(2), 101933.

Reeves DB, et al. (2025) Mild HIV-specific selective forces overlaying natural CD4+ T cell dynamics explain the clonality and decay dynamics of HIV reservoir cells. Cell systems, 101402.

Bruss C, et al. (2024) Neoadjuvant radiotherapy in ER+, HER2+, and triple-negative - specific breast cancer based humanized tumor mice enhances anti-PD-L1 treatment efficacy. Frontiers in immunology, 15, 1355130.

Kirk AM, et al. (2024) DNAJB1-PRKACA fusion neoantigens elicit rare endogenous T cell responses that potentiate cell therapy for fibrolamellar carcinoma. Cell reports. Medicine, 5(3), 101469.

Williams GP, et al. (2023) Unaltered T cell responses to common antigens in individuals with Parkinson's disease. Journal of the neurological sciences, 444, 120510.

Imai H, et al. (2023) Peripheral T cell profiling reveals downregulated exhaustion marker and increased diversity in lymphedema post-lymphatic venous anastomosis. iScience, 26(6), 106822.

Capelle CM, et al. (2022) Combinatorial analysis reveals highly coordinated early-stage immune reactions that predict later antiviral immunity in mild COVID-19 patients. Cell reports. Medicine, 3(4), 100600.

Mudd PA, et al. (2022) SARS-CoV-2 mRNA vaccination elicits a robust and persistent T follicular helper cell response in humans. *Cell*, 185(4), 603.

Yu ED, et al. (2022) Immunological memory to common cold coronaviruses assessed longitudinally over a three-year period pre-COVID19 pandemic. *Cell host & microbe*, 30(9), 1269.

Krivdova G, et al. (2022) Identification of the global miR-130a targetome reveals a role for TBL1XR1 in hematopoietic stem cell self-renewal and t(8;21) AML. *Cell reports*, 38(10), 110481.

Yu ED, et al. (2022) Development of a T cell-based immunodiagnostic system to effectively distinguish SARS-CoV-2 infection and COVID-19 vaccination status. *Cell host & microbe*, 30(3), 388.

Reuschl AK, et al. (2022) HIV-1 Vpr drives a tissue residency-like phenotype during selective infection of resting memory T cells. *Cell reports*, 39(2), 110650.

Hu B, et al. (2022) IFN γ Potentiates Anti-PD-1 Efficacy by Remodeling Glucose Metabolism in the Hepatocellular Carcinoma Microenvironment. *Cancer discovery*, 12(7), 1718.

Tarke A, et al. (2021) Impact of SARS-CoV-2 variants on the total CD4 $^{+}$ and CD8 $^{+}$ T cell reactivity in infected or vaccinated individuals. *Cell reports. Medicine*, 2(7), 100355.

Mo Y, et al. (2021) Mitochondrial Dysfunction Associates With Acute T Lymphocytopenia and Impaired Functionality in COVID-19 Patients. *Frontiers in immunology*, 12, 799896.

Ma X, et al. (2021) CD36-mediated ferroptosis dampens intratumoral CD8 $^{+}$ T cell effector function and impairs their antitumor ability. *Cell metabolism*, 33(5), 1001.

Celik H, et al. (2018) JARID2 Functions as a Tumor Suppressor in Myeloid Neoplasms by Repressing Self-Renewal in Hematopoietic Progenitor Cells. *Cancer cell*, 34(5), 741.