

Resource Summary Report

Generated by NIF on Jul 29, 2026

Brilliant Violet 421(TM) anti-human CD45

RRID:AB_2561357

Type: Antibody

Proper Citation

BioLegend Cat# 304032, RRID:AB_2561357

Antibody Information

URL: http://antibodyregistry.org/AB_2561357

Proper Citation: BioLegend Cat# 304032, RRID:AB_2561357

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 HI30

Antibody ID: AB_2561357

Vendor: BioLegend

Catalog Number: 304032

Alternative Catalog Numbers: 304031

Record Creation Time: 20250820T004805+0000

Record Last Update: 20250820T091406+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 24 mentions in open access literature.

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

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

Guo X, et al. (2025) Contrasting cytotoxic and regulatory T cell responses underlying distinct clinical outcomes to anti-PD-1 plus lenvatinib therapy in cancer. *Cancer cell*, 43(2), 248.

Aznar MA, et al. (2025) Clinical and molecular dissection of CAR T cell resistance in pancreatic cancer. *Cell reports. Medicine*, 6(9), 102301.

Zhang Y, et al. (2025) Cancer cells co-opt an inter-organ neuroimmune circuit to escape immune surveillance. *Cell*, 188(24), 6754.

Loh L, et al. (2024) Unraveling the phenotypic states of human innate-like T cells: Comparative insights with conventional T cells and mouse models. *Cell reports*, 43(9), 114705.

Ni Y, et al. (2024) Human yolk sac-derived innate lymphoid-biased multipotent progenitors emerge prior to hematopoietic stem cell formation. *Developmental cell*, 59(19), 2626.

Liu C, et al. (2024) Protocol for in vitro generation of innate lymphoid cells from human embryonic tissues. *STAR protocols*, 6(1), 103525.

Zhang Y, et al. (2024) Generation of dual-attribute iTNK cells from hPSCs for cancer immunotherapy. *Cell reports methods*, 4(9), 100843.

Liu H, et al. (2024) Lipid imbalance and inflammatory oxylipin cascade at the maternal-fetal interface in recurrent spontaneous abortion. *Heliyon*, 10(24), e40515.

Jia Q, et al. (2023) Comparing HD knockin pigs and mice reveals the pathological role of IL-17. *Cell reports*, 42(12), 113443.

Agarwal S, et al. (2023) Deletion of the inhibitory co-receptor CTLA-4 enhances and invigorates chimeric antigen receptor T cells. *Immunity*, 56(10), 2388.

Synn CB, et al. (2022) SKI-G-801, an AXL kinase inhibitor, blocks metastasis through inducing anti-tumor immune responses and potentiates anti-PD-1 therapy in mouse cancer models. *Clinical & translational immunology*, 11(1), e1364.

Kersten K, et al. (2022) Spatiotemporal co-dependency between macrophages and exhausted CD8⁺ T cells in cancer. *Cancer cell*, 40(6), 624.

Liu X, et al. (2021) Distinct human Langerhans cell subsets orchestrate reciprocal functions and require different developmental regulation. *Immunity*, 54(10), 2305.

Good CR, et al. (2021) An NK-like CAR T cell transition in CAR T cell dysfunction. *Cell*, 184(25), 6081.

Pettmann J, et al. (2021) The discriminatory power of the T cell receptor. *eLife*, 10.

Park JA, et al. (2021) Modulating tumor infiltrating myeloid cells to enhance bispecific antibody-driven T cell infiltration and anti-tumor response. *Journal of hematology & oncology*, 14(1), 142.

Maat H, et al. (2021) The USP7-TRIM27 axis mediates non-canonical PRC1.1 function and is a druggable target in leukemia. *iScience*, 24(5), 102435.

Nafria M, et al. (2020) Expression of RUNX1-ETO Rapidly Alters the Chromatin Landscape and Growth of Early Human Myeloid Precursor Cells. *Cell reports*, 31(8), 107691.

Wang J, et al. (2020) Liver Immune Profiling Reveals Pathogenesis and Therapeutics for Biliary Atresia. *Cell*, 183(7), 1867.