

Resource Summary Report

Generated by NIF on Jul 28, 2026

Brilliant Violet 711(TM) anti-human CD45

RRID:AB_2563466

Type: Antibody

Proper Citation

BioLegend Cat# 304050, RRID:AB_2563466

Antibody Information

URL: http://antibodyregistry.org/AB_2563466

Proper Citation: BioLegend Cat# 304050, RRID:AB_2563466

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 711(TM) anti-human CD45

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: Clone HI30

Antibody ID: AB_2563466

Vendor: BioLegend

Catalog Number: 304050

Alternative Catalog Numbers: 304049

Record Creation Time: 20250820T061251+0000

Record Last Update: 20250820T233254+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 711(TM) anti-human CD45.

No alerts have been found for Brilliant Violet 711(TM) anti-human CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Wu Z, et al. (2025) Glycan shielding enables TCR-sufficient allogeneic CAR-T therapy. Cell.

Zhang Y, et al. (2025) Immune targeting of triple-negative breast cancer through a clinically actionable STING agonist-CAR T cell platform. Cell reports. Medicine, 6(7), 102198.

Mattingly CLR, et al. (2025) Human lung CD8+ tissue-resident memory T cell-derived interferon- γ orchestrates subset-specific antiviral programming in airway epithelial cells. Immunity, 58(12), 3006.

Reid KT, et al. (2024) Cell therapy with human IL-10-producing ILC2s limits xenogeneic graft-versus-host disease by inhibiting pathogenic T cell responses. Cell reports, 44(1), 115102.

MacDonald L, et al. (2024) Synovial tissue myeloid dendritic cell subsets exhibit distinct tissue-niche localization and function in health and rheumatoid arthritis. Immunity, 57(12), 2843.

Tamaoki N, et al. (2023) Self-organized yolk sac-like organoids allow for scalable generation of multipotent hematopoietic progenitor cells from induced pluripotent stem cells. Cell reports methods, 3(4), 100460.

Zhou J, et al. (2023) Myeloid-intrinsic cell cycle-related kinase drives immunosuppression to promote tumorigenesis. iScience, 26(10), 107626.

Cardoso A, et al. (2021) Interleukin-10 induces interferon- γ -dependent emergency myelopoiesis. Cell reports, 37(4), 109887.

Krämer B, et al. (2021) Early IFN- γ signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. Immunity, 54(11), 2650.

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

Molodtsov AK, et al. (2021) Resident memory CD8⁺ T cells in regional lymph nodes mediate immunity to metastatic melanoma. *Immunity*, 54(9), 2117.

Poon MML, et al. (2021) Heterogeneity of human anti-viral immunity shaped by virus, tissue, age, and sex. *Cell reports*, 37(9), 110071.

De Domenico E, et al. (2020) Optimized workflow for single-cell transcriptomics on infectious diseases including COVID-19. *STAR protocols*, 1(3), 100233.

Schulte-Schrepping J, et al. (2020) Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. *Cell*, 182(6), 1419.

Weisberg SP, et al. (2019) Tissue-Resident Memory T Cells Mediate Immune Homeostasis in the Human Pancreas through the PD-1/PD-L1 Pathway. *Cell reports*, 29(12), 3916.

Perrot I, et al. (2019) Blocking Antibodies Targeting the CD39/CD73 Immunosuppressive Pathway Unleash Immune Responses in Combination Cancer Therapies. *Cell reports*, 27(8), 2411.