

Resource Summary Report

Generated by NIF on Jul 29, 2026

Brilliant Violet 510(TM) anti-human CD45

RRID:AB_2561383

Type: Antibody

Proper Citation

BioLegend Cat# 304035, RRID:AB_2561383

Antibody Information

URL: http://antibodyregistry.org/AB_2561383

Proper Citation: BioLegend Cat# 304035, RRID:AB_2561383

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 510(TM) anti-human CD45

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: Clone HI30

Antibody ID: AB_2561383

Vendor: BioLegend

Catalog Number: 304035

Alternative Catalog Numbers: 304036

Record Creation Time: 20250820T023228+0000

Record Last Update: 20250820T135134+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 510(TM) anti-human CD45.

No alerts have been found for Brilliant Violet 510(TM) anti-human CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Song H, et al. (2025) Targeting tumor monocyte-intrinsic PD-L1 by rewiring STING signaling and enhancing STING agonist therapy. *Cancer cell*, 43(3), 503.

Qian J, et al. (2025) A CXCR4 partial agonist improves immunotherapy by targeting immunosuppressive neutrophils and cancer-driven granulopoiesis. *Cancer cell*, 43(8), 1512.

Wientjens C, et al. (2025) Tolerance to ferroptosis facilitates lipid metabolism and pathogenic type 2 immunity in allergic airway inflammation. *Immunity*.

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

Bharadwaj NS, et al. (2024) Human CD4+ memory phenotype T cells use mitochondrial metabolism to generate sensitive IFN- γ responses. *iScience*, 27(5), 109775.

Jacobs MME, et al. (2024) Trained immunity is regulated by T cell-induced CD40-TRAF6 signaling. *Cell reports*, 43(9), 114664.

Cruz SM, et al. (2023) Intratumoral NKp46+ natural killer cells are spatially distanced from T and MHC-I+ cells with prognostic implications in soft tissue sarcoma. *Frontiers in immunology*, 14, 1230534.

Rother N, et al. (2023) Acid ceramidase regulates innate immune memory. *Cell reports*, 42(12), 113458.

Nagaharu K, et al. (2022) A bifurcation concept for B-lymphoid/plasmacytoid dendritic cells with largely fluctuating transcriptome dynamics. *Cell reports*, 40(9), 111260.

Kenswil KJG, et al. (2021) Endothelium-derived stromal cells contribute to hematopoietic bone marrow niche formation. *Cell stem cell*, 28(4), 653.