

Resource Summary Report

Generated by NIF on Jul 31, 2026

Brilliant Violet 605(TM) anti-human CD45

RRID:AB_2562106

Type: Antibody

Proper Citation

BioLegend Cat# 304042, RRID:AB_2562106

Antibody Information

URL: http://antibodyregistry.org/AB_2562106

Proper Citation: BioLegend Cat# 304042, RRID:AB_2562106

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 605(TM) anti-human CD45

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: Clone HI30

Antibody ID: AB_2562106

Vendor: BioLegend

Catalog Number: 304042

Alternative Catalog Numbers: 304041

Record Creation Time: 20250820T011410+0000

Record Last Update: 20250820T102355+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 605(TM) anti-human CD45.

No alerts have been found for Brilliant Violet 605(TM) anti-human CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Xie M, et al. (2025) Tumor-resident probiotic Clostridium butyricum improves aPD-1 efficacy in colorectal cancer models by inhibiting IL-6-mediated immunosuppression. Cancer cell.

Tomé D, et al. (2025) Mesenchymal stromal cell secretome-induced synaptogenesis is mediated by thrombospondin-1. iScience, 28(9), 113401.

Saini M, et al. (2025) StealTHY: An immunogen-free CRISPR platform to expose concealed metastasis regulators in immunocompetent models. Cell, 188(26), 7591.

Forsthuber A, et al. (2024) Cancer-associated fibroblast subtypes modulate the tumor-immune microenvironment and are associated with skin cancer malignancy. Nature communications, 15(1), 9678.

Wu N, et al. (2024) MerTK+ macrophages promote melanoma progression and immunotherapy resistance through AhR-ALKAL1 activation. Science advances, 10(40), eado8366.

Landau S, et al. (2024) Primitive macrophages enable long-term vascularization of human heart-on-a-chip platforms. Cell stem cell, 31(8), 1222.

Li X, et al. (2024) Deficiency of CBL and CBLB ubiquitin ligases leads to hyper T follicular helper cell responses and lupus by reducing BCL6 degradation. Immunity, 57(7), 1603.

Schmit MM, et al. (2024) A critical threshold of MCM10 is required to maintain genome stability during differentiation of induced pluripotent stem cells into natural killer cells. Open biology, 14(1), 230407.

Kent GM, et al. (2024) Human liver sinusoidal endothelial cells support the development of functional human pluripotent stem cell-derived Kupffer cells. Cell reports, 43(8), 114629.

Abhiraman GC, et al. (2023) A structural blueprint for interleukin-21 signal modulation. Cell reports, 42(6), 112657.

Maas RR, et al. (2023) The local microenvironment drives activation of neutrophils in human brain tumors. *Cell*, 186(21), 4546.

Wu M, et al. (2023) Phagocytosis of Glioma Cells Enhances the Immunosuppressive Phenotype of Bone Marrow-Derived Macrophages. *Cancer research*, 83(5), 771.

Teng F, et al. (2021) ILC3s control airway inflammation by limiting T cell responses to allergens and microbes. *Cell reports*, 37(8), 110051.

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

Goc J, et al. (2021) Dysregulation of ILC3s unleashes progression and immunotherapy resistance in colon cancer. *Cell*, 184(19), 5015.

Bourdely P, et al. (2020) Transcriptional and Functional Analysis of CD1c⁺ Human Dendritic Cells Identifies a CD163⁺ Subset Priming CD8⁺CD103⁺ T Cells. *Immunity*, 53(2), 335.

Li S, et al. (2020) Human Tumor-Infiltrating MAIT Cells Display Hallmarks of Bacterial Antigen Recognition in Colorectal Cancer. *Cell reports. Medicine*, 1(3), 100039.

Gkoutela S, et al. (2019) Circulating Tumor Cell Clustering Shapes DNA Methylation to Enable Metastasis Seeding. *Cell*, 176(1-2), 98.