

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 3, 2025

Brilliant Violet 510(TM) anti-mouse/human CD44

RRID:AB_2650923

Type: Antibody

Proper Citation

(BioLegend Cat# 103044, RRID:AB_2650923)

Antibody Information

URL: http://antibodyregistry.org/AB_2650923

Proper Citation: (BioLegend Cat# 103044, RRID:AB_2650923)

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 510(TM) anti-mouse/human CD44

Description: This monoclonal targets CD44

Target Organism: mouse, human

Clone ID: Clone IM7

Antibody ID: AB_2650923

Vendor: BioLegend

Catalog Number: 103044

Alternative Catalog Numbers: 103043

Record Creation Time: 20231110T034507+0000

Record Last Update: 20240725T005346+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 510(TM) anti-mouse/human CD44.

No alerts have been found for Brilliant Violet 510(TM) anti-mouse/human CD44.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Wang X, et al. (2024) Cell-intrinsic PD-L1 ablation sustains effector CD8+ T cell responses and promotes antitumor T cell therapy. Cell reports, 43(2), 113712.

Wang Y, et al. (2024) A pan-family screen of nuclear receptors in immunocytes reveals ligand-dependent inflammasome control. Immunity, 57(12), 2737.

Zheng C, et al. (2024) IFN γ -induced BST2+ tumor-associated macrophages facilitate immunosuppression and tumor growth in pancreatic cancer by ERK-CXCL7 signaling. Cell reports, 43(4), 114088.

Shapir Itai Y, et al. (2024) Bispecific dendritic-T cell engager potentiates anti-tumor immunity. Cell, 187(2), 375.

Poort VM, et al. (2024) Transient Differentiation-State Plasticity Occurs during Acute Lymphoblastic Leukemia Initiation. Cancer research, 84(16), 2720.

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.

Mandarano AH, et al. (2023) DRAK2 contributes to type 1 diabetes by negatively regulating IL-2 sensitivity to alter regulatory T cell development. Cell reports, 42(2), 112106.

Foster WS, et al. (2023) ChAdOx1 nCoV-19 vaccination generates spike-specific CD8+ T cells in aged mice. Immunology and cell biology.

Xu Y, et al. (2023) Detection of the CD8+ T cell immune response in mice infected with OVA-Listeriamonocytogenes. STAR protocols, 4(4), 102582.

Sandner L, et al. (2023) The guanine nucleotide exchange factor Rin-like controls Tfh cell

differentiation via CD28 signaling. The Journal of experimental medicine, 220(11).

Kharel A, et al. (2023) Loss of PBAF promotes expansion and effector differentiation of CD8+ T cells during chronic viral infection and cancer. Cell reports, 42(6), 112649.

Funsten MC, et al. (2023) Microbiota-dependent proteolysis of gluten subverts diet-mediated protection against type 1 diabetes. Cell host & microbe, 31(2), 213.

Yang C, et al. (2022) Androgen receptor-mediated CD8+ T cell stemness programs drive sex differences in antitumor immunity. Immunity, 55(7), 1268.

Farrand K, et al. (2022) Using Full-Spectrum Flow Cytometry to Phenotype Memory T and NKT Cell Subsets with Optimized Tissue-Specific Preparation Protocols. Current protocols, 2(7), e482.

Topchyan P, et al. (2022) Spatial transcriptomics demonstrates the role of CD4 T cells in effector CD8 T cell differentiation during chronic viral infection. Cell reports, 41(9), 111736.

Tran NL, et al. (2022) Continuous sensing of IFN γ by hepatic endothelial cells shapes a vascular antimetastatic barrier. eLife, 11.

Terui H, et al. (2022) Staphylococcus aureus skin colonization promotes SLE-like autoimmune inflammation via neutrophil activation and the IL-23/IL-17 axis. Science immunology, 7(76), eabm9811.

Foster WS, et al. (2022) Tfh cells and the germinal center are required for memory B cell formation & humoral immunity after ChAdOx1 nCoV-19 vaccination. Cell reports. Medicine, 3(12), 100845.

Zhang H, et al. (2021) Bach2 attenuates IL-2R signaling to control Treg homeostasis and Tfr development. Cell reports, 35(6), 109096.

Koren T, et al. (2021) Insular cortex neurons encode and retrieve specific immune responses. Cell, 184(24), 5902.