

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 6, 2025

Brilliant Violet 570(TM) anti-mouse CD45

RRID:AB_2562612

Type: Antibody

Proper Citation

(BioLegend Cat# 103136, RRID:AB_2562612)

Antibody Information

URL: http://antibodyregistry.org/AB_2562612

Proper Citation: (BioLegend Cat# 103136, RRID:AB_2562612)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 570(TM) anti-mouse CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_2562612

Vendor: BioLegend

Catalog Number: 103136

Alternative Catalog Numbers: 103135

Record Creation Time: 20231110T035221+0000

Record Last Update: 20240725T043125+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 570(TM) anti-mouse CD45.

No alerts have been found for Brilliant Violet 570(TM) anti-mouse CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Sprooten J, et al. (2024) Lymph node and tumor-associated PD-L1+ macrophages antagonize dendritic cell vaccines by suppressing CD8+ T cells. Cell reports. Medicine, 5(1), 101377.

Subramanian S, et al. (2024) Microbiota regulates neonatal disease tolerance to virus-evoked necrotizing enterocolitis by shaping the STAT1-NLRC5 axis in the intestinal epithelium. Cell host & microbe, 32(10), 1805.

Borys SM, et al. (2024) NK cells restrain cytotoxic CD8+ T cells in the submandibular gland via PD-1-PD-L1. Science immunology, 9(102), eadl2967.

Lindner S, et al. (2024) Altered microbial bile acid metabolism exacerbates T cell-driven inflammation during graft-versus-host disease. Nature microbiology, 9(3), 614.

Zohaib Ali M, et al. (2024) A modified BPaL regimen for tuberculosis treatment replaces linezolid with inhaled spectinamides. eLife, 13.

Huang CX, et al. (2024) Pericancerous cross-presentation to cytotoxic T lymphocytes impairs immunotherapeutic efficacy in hepatocellular carcinoma. Cancer cell, 42(12), 2082.

Wu RQ, et al. (2023) Immune checkpoint therapy-elicited sialylation of IgG antibodies impairs antitumorigenic type I interferon responses in hepatocellular carcinoma. Immunity, 56(1), 180.

Chang YW, et al. (2023) A CSF-1R-blocking antibody/IL-10 fusion protein increases anti-tumor immunity by effectuating tumor-resident CD8+ T cells. Cell reports. Medicine, 4(8), 101154.

Dutt TS, et al. (2022) Mucosal exposure to non-tuberculous mycobacteria elicits B cell-mediated immunity against pulmonary tuberculosis. *Cell reports*, 41(11), 111783.

Dallari S, et al. (2021) Enteric viruses evoke broad host immune responses resembling those elicited by the bacterial microbiome. *Cell host & microbe*, 29(6), 1014.

Dikiy S, et al. (2021) A distal Foxp3 enhancer enables interleukin-2 dependent thymic Treg cell lineage commitment for robust immune tolerance. *Immunity*, 54(5), 931.

Dodard G, et al. (2020) Inflammation-Induced Lactate Leads to Rapid Loss of Hepatic Tissue-Resident NK Cells. *Cell reports*, 32(1), 107855.

Campbell C, et al. (2018) Extrathymically Generated Regulatory T Cells Establish a Niche for Intestinal Border-Dwelling Bacteria and Affect Physiologic Metabolite Balance. *Immunity*, 48(6), 1245.