Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 26, 2025

Brilliant Violet 510(TM) anti-mouse CD45

RRID:AB_2563061
Type: Antibody

Proper Citation

(BioLegend Cat# 103138, RRID:AB_2563061)

Antibody Information

URL: http://antibodyregistry.org/AB_2563061

Proper Citation: (BioLegend Cat# 103138, RRID:AB_2563061)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

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

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_2563061

Vendor: BioLegend

Catalog Number: 103138

Alternative Catalog Numbers: 103137

Record Creation Time: 20231110T035218+0000

Record Last Update: 20240725T021810+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 86 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Bandola-Simon J, et al. (2025) Defective removal of invariant chain peptides from MHC class II suppresses tumor antigen presentation and promotes tumor growth. Cell reports, 44(1), 115150.

Yang W, et al. (2024) ZnPP-laden nanoparticles improve glucose homeostasis and chronic inflammation during obesity. British journal of pharmacology, 181(16), 2886.

Sato K, et al. (2024) Sufficient water intake maintains the gut microbiota and immune homeostasis and promotes pathogen elimination. iScience, 27(6), 109903.

You S, et al. (2024) Lymphatic-localized Treg-mregDC crosstalk limits antigen trafficking and restrains anti-tumor immunity. Cancer cell, 42(8), 1415.

Srivastava N, et al. (2024) CXCL16-dependent scavenging of oxidized lipids by islet macrophages promotes differentiation of pathogenic CD8+ T cells in diabetic autoimmunity. Immunity, 57(7), 1629.

Hernández-Barranco A, et al. (2024) NGFR regulates stromal cell activation in germinal centers. Cell reports, 43(2), 113705.

Wang G, et al. (2024) Adipose-tissue Treg cells restrain differentiation of stromal adipocyte precursors to promote insulin sensitivity and metabolic homeostasis. Immunity, 57(6), 1345.

Mittal S, et al. (2024) Protocol for the isolation of tumor cell-derived extracellular vesicles followed by in vivo metastasis assessment in a murine ovarian cancer model. STAR protocols, 5(2), 102943.

De Sanctis F, et al. (2024) Expression of the membrane tetraspanin claudin 18 on cancer cells promotes T lymphocyte infiltration and antitumor immunity in pancreatic cancer. Immunity, 57(6), 1378.

Oshima T, et al. (2024) Early amyloid-induced changes in microglia gene expression in male APP/PS1 mice. Journal of neuroscience research, 102(3), e25295.

He J, et al. (2024) Renal macrophages monitor and remove particles from urine to prevent tubule obstruction. Immunity, 57(1), 106.

Kinashi Y, et al. (2024) Intestinal epithelium dysfunctions cause IgA deposition in the kidney glomeruli of intestine-specific Ap1m2-deficient mice. EBioMedicine, 106, 105256.

Tamari M, et al. (2024) Sensory neurons promote immune homeostasis in the lung. Cell, 187(1), 44.

Feng S, et al. (2024) Blockage of L2HGDH-mediated S-2HG catabolism orchestrates macrophage polarization to elicit antitumor immunity. Cell reports, 43(6), 114300.

Xu H, et al. (2024) Cellular spermine targets JAK signaling to restrain cytokine-mediated autoimmunity. Immunity, 57(8), 1796.

Luo JH, et al. (2024) PDIA3 defines a novel subset of adipose macrophages to exacerbate the development of obesity and metabolic disorders. Cell metabolism, 36(10), 2262.

Poli V, et al. (2023) Quantitative cytofluorimetric analysis of mouse neutrophil extracellular traps. STAR protocols, 4(3), 102372.

Chen H, et al. (2023) Urea cycle activation triggered by host-microbiota maladaptation driving colorectal tumorigenesis. Cell metabolism, 35(4), 651.

Amatya S, et al. (2023) Adipocyte Glucocorticoid Receptor Inhibits Immune Regulatory Genes to Maintain Immune Cell Homeostasis in Adipose Tissue. Endocrinology, 164(11).

Zhao N, et al. (2023) DNA damage repair profiling of esophageal squamous cell carcinoma uncovers clinically relevant molecular subtypes with distinct prognoses and therapeutic vulnerabilities. EBioMedicine, 96, 104801.