Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 13, 2025

Pacific Blue(TM) anti-mouse CD45

RRID:AB_493536
Type: Antibody

Proper Citation

(BioLegend Cat# 103125, RRID:AB_493536)

Antibody Information

URL: http://antibodyregistry.org/AB_493536

Proper Citation: (BioLegend Cat# 103125, RRID:AB_493536)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Pacific Blue(TM) anti-mouse CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_493536

Vendor: BioLegend

Catalog Number: 103125

Alternative Catalog Numbers: 103126

Record Creation Time: 20231110T044339+0000

Record Last Update: 20241115T014355+0000

Ratings and Alerts

No rating or validation information has been found for Pacific Blue(TM) anti-mouse CD45.

No alerts have been found for Pacific Blue(TM) anti-mouse CD45.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Gao KM, et al. (2024) Endothelial cell expression of a STING gain-of-function mutation initiates pulmonary lymphocytic infiltration. Cell reports, 43(4), 114114.

Fontana P, et al. (2024) Small-molecule GSDMD agonism in tumors stimulates antitumor immunity without toxicity. Cell, 187(22), 6165.

Li Y, et al. (2024) Multimodal immune phenotyping reveals microbial-T cell interactions that shape pancreatic cancer. Cell reports. Medicine, 5(2), 101397.

Lin F, et al. (2024) Multimodal targeting chimeras enable integrated immunotherapy leveraging tumor-immune microenvironment. Cell, 187(26), 7470.

Ziblat A, et al. (2024) Batf3+ DCs and the 4-1BB/4-1BBL axis are required at the effector phase in the tumor microenvironment for PD-1/PD-L1 blockade efficacy. Cell reports, 43(5), 114141.

Liu Y, et al. (2023) A SOX9-B7x axis safeguards dedifferentiated tumor cells from immune surveillance to drive breast cancer progression. Developmental cell, 58(23), 2700.

Lu X, et al. (2023) UBE2M-mediated neddylation of TRIM21 regulates obesity-induced inflammation and metabolic disorders. Cell metabolism, 35(8), 1390.

Helble JD, et al. (2023) Single-cell RNA sequencing of murine ankle joints over time reveals distinct transcriptional changes following Borrelia burgdorferi infection. iScience, 26(11), 108217.

Kong X, et al. (2023) Type I interferon/STAT1 signaling regulates UBE2M-mediated antiviral innate immunity in a negative feedback manner. Cell reports, 42(1), 112002.

Kaffe E, et al. (2023) Humanized mouse liver reveals endothelial control of essential hepatic metabolic functions. Cell, 186(18), 3793.

Sauter M, et al. (2022) Apolipoprotein E derived from CD11c+ cells ameliorates atherosclerosis. iScience, 25(1), 103677.

Zelenka L, et al. (2022) Novel protocol for the isolation of highly purified neonatal murine microglia and astrocytes. Journal of neuroscience methods, 366, 109420.

Mirlekar B, et al. (2022) Balance between immunoregulatory B cells and plasma cells drives pancreatic tumor immunity. Cell reports. Medicine, 3(9), 100744.

Reinitz F, et al. (2022) Inhibiting USP16 rescues stem cell aging and memory in an Alzheimer's model. eLife, 11.

Menzel L, et al. (2022) Analyses of murine lymph node endothelial cell subsets using single-cell RNA sequencing and spectral flow cytometry. STAR protocols, 3(2), 101267.

Hernández-Malmierca P, et al. (2022) Antigen presentation safeguards the integrity of the hematopoietic stem cell pool. Cell stem cell, 29(5), 760.

Venzon M, et al. (2022) Microbial byproducts determine reproductive fitness of free-living and parasitic nematodes. Cell host & microbe, 30(6), 786.

Sauter M, et al. (2022) Protocol to isolate and analyze mouse bone marrow derived dendritic cells (BMDC). STAR protocols, 3(3), 101664.

Fitzgerald B, et al. (2021) A mouse model for the study of anti-tumor T cell responses in Kras-driven lung adenocarcinoma. Cell reports methods, 1(5).

Hemanthakumar KA, et al. (2021) Cardiovascular disease risk factors induce mesenchymal features and senescence in mouse cardiac endothelial cells. eLife, 10.