Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 17, 2025

Pacific Blue(TM) anti-mouse/human CD44

RRID:AB_493683
Type: Antibody

Proper Citation

(BioLegend Cat# 103020, RRID:AB_493683)

Antibody Information

URL: http://antibodyregistry.org/AB_493683

Proper Citation: (BioLegend Cat# 103020, RRID:AB_493683)

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Pacific Blue(TM) anti-mouse/human CD44

Description: This monoclonal targets CD44

Target Organism: mouse, human

Clone ID: Clone IM7

Antibody ID: AB_493683

Vendor: BioLegend

Catalog Number: 103020

Alternative Catalog Numbers: 103019

Record Creation Time: 20231110T044338+0000

Record Last Update: 20241115T133026+0000

Ratings and Alerts

No rating or validation information has been found for Pacific Blue(TM) anti-mouse/human CD44.

No alerts have been found for Pacific Blue(TM) anti-mouse/human CD44.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Even Z, et al. (2024) The amalgam of naive CD4+ T cell transcriptional states is reconfigured by helminth infection to dampen the amplitude of the immune response. Immunity, 57(8), 1893.

Eggert J, et al. (2024) Cbl-b mitigates the responsiveness of naive CD8+ T cells that experience extensive tonic T cell receptor signaling. Science signaling, 17(822), eadh0439.

Cardinez C, et al. (2024) IKK2 controls the inflammatory potential of tissue-resident regulatory T cells in a murine gain of function model. Nature communications, 15(1), 2345.

Le T, et al. (2024) Redistribution of the glycocalyx exposes phagocytic determinants on apoptotic cells. Developmental cell.

Park CS, et al. (2024) Fam49b dampens TCR signal strength to regulate survival of positively selected thymocytes and peripheral T cells. eLife, 13.

Dangi T, et al. (2023) Pre-existing immunity modulates responses to mRNA boosters. Cell reports, 42(3), 112167.

Harbour JC, et al. (2023) T helper 1 effector memory CD4+ T cells protect the skin from poxvirus infection. Cell reports, 42(5), 112407.

Feng Y, et al. (2023) Stress regulates Alzheimer's disease progression via selective enrichment of CD8+ T cells. Cell reports, 42(10), 113313.

Masle-Farquhar E, et al. (2022) STAT3 gain-of-function mutations connect leukemia with autoimmune disease by pathological NKG2Dhi CD8+ T cell dysregulation and accumulation. Immunity, 55(12), 2386.

Wilson AS, et al. (2022) Neutrophil extracellular traps and their histones promote Th17 cell

differentiation directly via TLR2. Nature communications, 13(1), 528.

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.

Delacher M, et al. (2021) Single-cell chromatin accessibility landscape identifies tissue repair program in human regulatory T cells. Immunity, 54(4), 702.

Katsuyama T, et al. (2021) Splicing factor SRSF1 is indispensable for regulatory T cell homeostasis and function. Cell reports, 36(1), 109339.

Vanderleyden I, et al. (2020) Follicular Regulatory T Cells Can Access the Germinal Center Independently of CXCR5. Cell reports, 30(3), 611.

McNamara HA, et al. (2020) Antibody Feedback Limits the Expansion of B Cell Responses to Malaria Vaccination but Drives Diversification of the Humoral Response. Cell host & microbe, 28(4), 572.

Pauken KE, et al. (2020) The PD-1 Pathway Regulates Development and Function of Memory CD8+ T Cells following Respiratory Viral Infection. Cell reports, 31(13), 107827.

Chagwedera DN, et al. (2019) Nutrient Sensing in CD11c Cells Alters the Gut Microbiota to Regulate Food Intake and Body Mass. Cell metabolism, 30(2), 364.

Zhang H, et al. (2019) Polyamines Control eIF5A Hypusination, TFEB Translation, and Autophagy to Reverse B Cell Senescence. Molecular cell, 76(1), 110.

Kim C, et al. (2019) Defects in Antiviral T Cell Responses Inflicted by Aging-Associated miR-181a Deficiency. Cell reports, 29(8), 2202.

Yadava K, et al. (2019) Natural Tr1-like cells do not confer long-term tolerogenic memory. eLife, 8.