Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 2, 2025

Pacific Blue(TM) anti-mouse/human CD45R/B220

RRID:AB_492876
Type: Antibody

Proper Citation

(BioLegend Cat# 103227, RRID:AB_492876)

Antibody Information

URL: http://antibodyregistry.org/AB_492876

Proper Citation: (BioLegend Cat# 103227, RRID:AB_492876)

Target Antigen: CD45R

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Pacific Blue(TM) anti-mouse/human CD45R/B220

Description: This monoclonal targets CD45R

Target Organism: mouse, human

Clone ID: Clone RA3-6B2

Antibody ID: AB_492876

Vendor: BioLegend

Catalog Number: 103227

Alternative Catalog Numbers: 103230

Record Creation Time: 20231110T044341+0000

Record Last Update: 20241115T060049+0000

Ratings and Alerts

No rating or validation information has been found for Pacific Blue(TM) anti-mouse/human CD45R/B220.

No alerts have been found for Pacific Blue(TM) anti-mouse/human CD45R/B220.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Liu S, et al. (2024) Dynamic tracking of native precursors in adult mice. eLife, 13.

Bonora M, et al. (2024) A mitochondrial NADPH-cholesterol axis regulates extracellular vesicle biogenesis to support hematopoietic stem cell fate. Cell stem cell, 31(3), 359.

Ferriz M, et al. (2023) Whole-mount immunofluorescence imaging and isolation of mesothelium-bound immune cell aggregates during mouse peritoneal inflammation. STAR protocols, 4(1), 102079.

Kotov DI, et al. (2023) Early cellular mechanisms of type I interferon-driven susceptibility to tuberculosis. Cell, 186(25), 5536.

Zhao B, et al. (2023) Helicobacter spp. are prevalent in wild mice and protect from lethal Citrobacterrodentium infection in the absence of adaptive immunity. Cell reports, 42(6), 112549.

Wilson JJ, et al. (2023) Glucose oxidation-dependent survival of activated B cells provides a putative novel therapeutic target for lupus treatment. iScience, 26(9), 107487.

Ten Hacken E, et al. (2023) Generation of mouse models carrying B cell restricted single or multiplexed loss-of-function mutations through CRISPR-Cas9 gene editing. STAR protocols, 4(4), 102165.

Ten Hacken E, et al. (2023) In Vivo Modeling of CLL Transformation to Richter Syndrome Reveals Convergent Evolutionary Paths and Therapeutic Vulnerabilities. Blood cancer discovery, 4(2), 150.

Becker M, et al. (2023) Regulatory T cells require IL6 receptor alpha signaling to control skeletal muscle function and regeneration. Cell metabolism, 35(10), 1736.

Wang D, et al. (2022) Developmental maturation of the hematopoietic system controlled by a Lin28b-let-7-Cbx2 axis. Cell reports, 39(1), 110587.

Perruzza L, et al. (2022) Apyrase-mediated amplification of secretory IgA promotes intestinal homeostasis. Cell reports, 40(3), 111112.

Wang Z, et al. (2022) Leucine-tRNA-synthase-2-expressing B cells contribute to colorectal cancer immunoevasion. Immunity, 55(6), 1067.

Gregoire C, et al. (2022) Viral infection engenders bona fide and bystander subsets of lung-resident memory B cells through a permissive mechanism. Immunity, 55(7), 1216.

David K, et al. (2022) CD74 as a regulator of transcription in normal B cells. Cell reports, 41(5), 111572.

Ma S, et al. (2022) Heterochronic parabiosis induces stem cell revitalization and systemic rejuvenation across aged tissues. Cell stem cell, 29(6), 990.

Vijayan K, et al. (2021) Antibody interference by a non-neutralizing antibody abrogates humoral protection against Plasmodium yoelii liver stage. Cell reports, 36(5), 109489.

Chappaz S, et al. (2021) Homeostatic apoptosis prevents competition-induced atrophy in follicular B cells. Cell reports, 36(3), 109430.

Lazarian G, et al. (2021) A hotspot mutation in transcription factor IKZF3 drives B cell neoplasia via transcriptional dysregulation. Cancer cell, 39(3), 380.

Fast EM, et al. (2021) External signals regulate continuous transcriptional states in hematopoietic stem cells. eLife, 10.

Bellomo A, et al. (2020) Reticular Fibroblasts Expressing the Transcription Factor WT1 Define a Stromal Niche that Maintains and Replenishes Splenic Red Pulp Macrophages. Immunity, 53(1), 127.