

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 7, 2025

Pacific Blue(TM) anti-mouse F4/80

RRID:AB_893475

Type: Antibody

Proper Citation

(BioLegend Cat# 123124, RRID:AB_893475)

Antibody Information

URL: http://antibodyregistry.org/AB_893475

Proper Citation: (BioLegend Cat# 123124, RRID:AB_893475)

Target Antigen: F4/80

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Pacific Blue(TM) anti-mouse F4/80

Description: This monoclonal targets F4/80

Target Organism: mouse

Clone ID: Clone BM8

Antibody ID: AB_893475

Vendor: BioLegend

Catalog Number: 123124

Alternative Catalog Numbers: 123123

Record Creation Time: 20231110T042740+0000

Record Last Update: 20241115T030353+0000

Ratings and Alerts

No rating or validation information has been found for Pacific Blue(TM) anti-mouse F4/80.

No alerts have been found for Pacific Blue(TM) anti-mouse F4/80.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 19 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.

Beielstein AC, et al. (2024) Macrophages are activated toward phagocytic lymphoma cell clearance by pentose phosphate pathway inhibition. *Cell reports. Medicine*, 5(12), 101830.

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.

Zhou Y, et al. (2022) Rhein regulates redox-mediated activation of NLRP3 inflammasomes in intestinal inflammation through macrophage-activated crosstalk. *British journal of pharmacology*, 179(9), 1978.

Hao J, et al. (2022) Consumption of fish oil high-fat diet induces murine hair loss via epidermal fatty acid binding protein in skin macrophages. *Cell reports*, 41(11), 111804.

Hinke DM, et al. (2022) Antigen bivalency of antigen-presenting cell-targeted vaccines increases B cell responses. *Cell reports*, 39(9), 110901.

Chen WS, et al. (2021) Single-cell transcriptomics reveals opposing roles of Shp2 in Myc-driven liver tumor cells and microenvironment. *Cell reports*, 37(6), 109974.

Ndeupen S, et al. (2021) The mRNA-LNP platform's lipid nanoparticle component used in preclinical vaccine studies is highly inflammatory. *iScience*, 24(12), 103479.

Marangoni F, et al. (2021) Expansion of tumor-associated Treg cells upon disruption of a CTLA-4-dependent feedback loop. *Cell*, 184(15), 3998.

Chao JL, et al. (2021) Effector T cell responses unleashed by regulatory T cell ablation exacerbate oral squamous cell carcinoma. *Cell reports. Medicine*, 2(9), 100399.

Tang Z, et al. (2021) Inflammatory macrophages exploit unconventional pro-phagocytic integrins for phagocytosis and anti-tumor immunity. *Cell reports*, 37(11), 110111.

Fukushima K, et al. (2020) Dysregulated Expression of the Nuclear Exosome Targeting Complex Component Rbm7 in Nonhematopoietic Cells Licenses the Development of Fibrosis. *Immunity*, 52(3), 542.

Jardé T, et al. (2020) Mesenchymal Niche-Derived Neuregulin-1 Drives Intestinal Stem Cell Proliferation and Regeneration of Damaged Epithelium. *Cell stem cell*, 27(4), 646.

Jiang L, et al. (2020) Direct Tumor Killing and Immunotherapy through Anti-SerpinB9 Therapy. *Cell*, 183(5), 1219.

Schadt L, et al. (2019) Cancer-Cell-Intrinsic cGAS Expression Mediates Tumor Immunogenicity. *Cell reports*, 29(5), 1236.

Liu D, et al. (2019) IL-10-Dependent Crosstalk between Murine Marginal Zone B Cells, Macrophages, and CD8⁺ Dendritic Cells Promotes *Listeria monocytogenes* Infection. *Immunity*, 51(1), 64.

Ganeshan K, et al. (2019) Energetic Trade-Offs and Hypometabolic States Promote Disease Tolerance. *Cell*, 177(2), 399.

Leonard JD, et al. (2017) Identification of Natural Regulatory T Cell Epitopes Reveals Convergence on a Dominant Autoantigen. *Immunity*, 47(1), 107.

Kälin S, et al. (2017) A Stat6/Pten Axis Links Regulatory T Cells with Adipose Tissue Function. *Cell metabolism*, 26(3), 475.