

Resource Summary Report

Generated by NIF on Sep 7, 2026

Pacific Blue(TM) anti-mouse CD45

RRID:AB_493535

Type: Antibody

Proper Citation

BioLegend Cat# 103126, RRID:AB_493535

Antibody Information

URL: http://antibodyregistry.org/AB_493535

Proper Citation: BioLegend Cat# 103126, RRID:AB_493535

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_493535

Vendor: BioLegend

Catalog Number: 103126

Alternative Catalog Numbers: 103125

Record Creation Time: 20231110T044339+0000

Record Last Update: 20260831T200630+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 126 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Chen Z, et al. (2026) Fibroblast-derived alarmin promotes oral wound healing by activating regulatory T cells that relay pro-angiogenic and anti-inflammatory responses. *Cell reports*, 45(1), 116829.

Feng Q, et al. (2026) Targeting severe acidity for tumor-activatable Interleukin-2 therapy. *Cell reports. Medicine*, 7(1), 102572.

Zitti B, et al. (2026) Positioning and reversible suppression of CCR7+ dendritic cells in perivascular tumor niches shape cancer immunity. *Immunity*, 59(1), 161.

Ballarò R, et al. (2026) Aerobic Exercise Activates S1PR1 Signaling in Tumor Endothelial Cells to Promote Vascular Function in Pancreatic Cancer. *Cancer research*.

Arumugam P, et al. (2026) Mitochondrial transfer to granulocytic myeloid-derived suppressor cells augments immunosuppressive activity. *Cell reports*, 45(3), 117057.

Lin L, et al. (2026) A single-cell time-series atlas of endothelial cell embryonic development. *Cell*, 189(5), 1573.

Shen Y, et al. (2026) CCL1-AMFR Facilitates Glioblastoma Progression by Modulating the Cross-talk between Glioma Cells and Tumor-Associated Macrophages. *Cancer immunology research*, 14(4), 676.

Magno JC, et al. (2026) Engineering T Cells with a Tumor-Reactive Chimeric T-cell Receptor Reduces Exhaustion and Promotes Persistence to Elicit Enhanced Antitumor Responses. *Cancer research*, 86(11), 2688.

Lu G, et al. (2026) In vivo detection of immune responses via cytokine activity labeling. *Cell*.

Islam R, et al. (2026) Microglial Lyn Kinase-TRPV4 axis mediates social deficits in a maternal immune activation model. *Journal of neuroinflammation*, 23(1).

Wang Y, et al. (2026) Metabolic reinvigoration of NK cells by IL-21 enhances immunotherapy against MHC class I-deficient solid tumors. *Cell reports*, 45(3), 117035.

Nelson MC, et al. (2026) MicroRNA-146a Protects against Hepatocellular Carcinoma through Suppression of CCL5. *Cancer research communications*, 6(2), 359.

Shao J, et al. (2026) N-acetyltransferase 10 regulates chemokine expression in keratinocytes and promotes atopic dermatitis. *Cell chemical biology*.

Sharma D, et al. (2025) A myeloid Tet2-IL-1 β axis modulates intestinal inflammation by restricting catecholaminergic stimulation of enterochromaffin cell differentiation. *Immunity*, 58(11), 2785.

Golomb SM, et al. (2025) Temporal dynamics of immune cell transcriptomics in brain metastasis progression influenced by gut microbiome dysbiosis. *Cell reports*, 44(3), 115356.

Braun LM, et al. (2025) Adiponectin reduces immune checkpoint inhibitor-induced inflammation without blocking anti-tumor immunity. *Cancer cell*, 43(2), 269.

Yeat NY, et al. (2025) Bro1 proteins determine tumor immune evasion and metastasis by controlling secretion or degradation of multivesicular bodies. *Developmental cell*, 60(15), 2114.

Jin Y, et al. (2025) Physical activity decreases cancer burden by alleviating immunosenescence-related inflammation and improving overall immunity. *Cell reports. Medicine*, 6(12), 102484.

Kim JS, et al. (2025) Clonal hematopoiesis-associated motoric deficits caused by monocyte-derived microglia accumulating in aging mice. *Cell reports*, 44(5), 115609.

Nyberg WA, et al. (2025) In vivo engineering of murine T cells using the evolved adeno-associated virus variant Ark313. *Immunity*, 58(2), 499.