

Resource Summary Report

Generated by [dkNET](#) on Sep 20, 2026

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: 20260829T105034+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 43 mentions in open access literature.

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

Lobel L, et al. (2026) Dietary sulfur amino acids enhance anti-tumor immunity in colon cancer via an NKT cell-XCL1-cDC1 circuit. *Immunity*, 59(6), 1708.

Navarro Negredo P, et al. (2026) Targeting immune cells in the aged brain reveals that engineered cytokine IL-10 enhances neurogenesis and improves cognition. *Immunity*, 59(2), 458.

Chen M, et al. (2026) Nano-granulated zoledronate sensitizes innate immune metabolism to enhance vaccine-induced and antitumor immunity. *Cell reports. Medicine*, 7(5), 102765.

Kunitomi H, et al. (2026) eIF4G2-mediated selective translation of chromatin regulators safeguards adult intestinal stem cell identity and differentiation. *Cell stem cell*, 33(6), 1000.

Ji JH, et al. (2026) The transcriptional repressor Fli1 inhibits proteostasis during nutrient stress to limit NK cell persistence in solid tumors. *Immunity*, 59(3), 717.

Liu S, et al. (2026) Cholesterol-Mediated Metabolic-mechanotransductive Crosstalk Orchestrates Castration Resistance in Prostate Cancer. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e75977.

Guo C, et al. (2025) BRD9 inhibition overcomes oncolytic virus therapy resistance in glioblastoma. *Cell reports. Medicine*, 6(8), 102258.

Keating N, et al. (2025) ARAP2 regulates responses to interferon-gamma by restricting SOCS1. *Cell reports*, 44(12), 116667.

Nelson AJ, et al. (2025) Lung-resident memory B cells maintain allergic IgE responses in the respiratory tract. *Immunity*, 58(4), 875.

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

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

Vargas-Castillo A, et al. (2024) Development of a functional beige fat cell line uncovers independent subclasses of cells expressing UCP1 and the futile creatine cycle. *Cell metabolism*, 36(9), 2146.

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

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.

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

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.

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.

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.