

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

Pacific Blue(TM) anti-mouse CD3

RRID:AB_493644

Type: Antibody

Proper Citation

BioLegend Cat# 100213, RRID:AB_493644

Antibody Information

URL: http://antibodyregistry.org/AB_493644

Proper Citation: BioLegend Cat# 100213, RRID:AB_493644

Target Antigen: CD3

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Pacific Blue(TM) anti-mouse CD3

Description: This monoclonal targets CD3

Target Organism: mouse

Clone ID: Clone 17A2

Antibody ID: AB_493644

Vendor: BioLegend

Catalog Number: 100213

Alternative Catalog Numbers: 100214

Record Creation Time: 20250820T024654+0000

Record Last Update: 20250820T143013+0000

Ratings and Alerts

No rating or validation information has been found for Pacific Blue(TM) anti-mouse CD3.

No alerts have been found for Pacific Blue(TM) anti-mouse CD3.

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 [PRECISE-TBI](#) .

Shah DC, et al. (2026) Exogenous sphingomyelinase mediates MSC-derived EV biogenesis and enhances potency via repackaging of molecular cargo. iScience, 29(3), 114992.

Pido-Lopez J, et al. (2026) Therapeutic activity of a hematopoietic stem cell-delivered cell-penetrating frataxin in Friedreich's ataxia models. Cell reports. Medicine, 7(6), 102803.

Izzati FN, et al. (2025) Presentation of immunoregulatory sialoglycans on T cells is divergent between mice and humans. Cell reports, 44(7), 115933.

Saraiva GN, et al. (2025) CD38 is a key mediator of NAD⁺ depletion in the brain of ZIKV-infected mice. iScience, 28(12), 114018.

Wang X, et al. (2025) Machine-learning-assisted universal protein activation in living mice. Cell, 188(14), 3696.

Frey HC, et al. (2025) A membrane lipid signature unravels the dynamic landscape of group 1 innate lymphoid cells across the health-disease continuum. iScience, 28(3), 112043.

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.

Shi W, et al. (2024) Lactic acid induces transcriptional repression of macrophage inflammatory response via histone acetylation. Cell reports, 43(2), 113746.

Bülow S, et al. (2024) Bactericidal/permeability-increasing protein instructs dendritic cells to elicit Th22 cell response. Cell reports, 43(3), 113929.

Cong J, et al. (2024) Bile acids modified by the intestinal microbiota promote colorectal cancer growth by suppressing CD8⁺ T cell effector functions. Immunity.

Cao T, et al. (2024) Cancer SLC6A6-mediated taurine uptake transactivates immune checkpoint genes and induces exhaustion in CD8+ T cells. *Cell*, 187(9), 2288.

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

Yang JF, et al. (2023) Mitochondria-ER contact mediated by MFN2-SERCA2 interaction supports CD8+ T cell metabolic fitness and function in tumors. *Science immunology*, 8(87), eabq2424.

Mortales C, et al. (2023) NL-201 Upregulates MHC-I Expression and Intratumoral T-cell Receptor Diversity, and Demonstrates Robust Antitumor Activity as Monotherapy and in Combination with PD-1 Blockade. *Cancer immunology research*, 11(7), 1000.

Briukhovetska D, et al. (2023) T cell-derived interleukin-22 drives the expression of CD155 by cancer cells to suppress NK cell function and promote metastasis. *Immunity*, 56(1), 143.

Domenjo-Vila E, et al. (2023) XCR1+ DCs are critical for T cell-mediated immunotherapy of chronic viral infections. *Cell reports*, 42(2), 112123.

Gawish R, et al. (2022) ACE2 is the critical in vivo receptor for SARS-CoV-2 in a novel COVID-19 mouse model with TNF- and IFN?-driven immunopathology. *eLife*, 11.

Frost JN, et al. (2021) Hepcidin-Mediated Hypoferremia Disrupts Immune Responses to Vaccination and Infection. *Med (New York, N.Y.)*, 2(2), 164.