

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

Pacific Blue(TM) anti-mouse CD3

RRID:AB_493645

Type: Antibody

Proper Citation

BioLegend Cat# 100214, RRID:AB_493645

Antibody Information

URL: http://antibodyregistry.org/AB_493645

Proper Citation: BioLegend Cat# 100214, RRID:AB_493645

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_493645

Vendor: BioLegend

Catalog Number: 100214

Alternative Catalog Numbers: 100213

Record Creation Time: 20250820T045540+0000

Record Last Update: 20250820T201920+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 36 mentions in open access literature.

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

Smyth DJ, et al. (2025) Vaccination against helminth IL-33 modulators permits immune-mediated parasite ejection. Cell reports, 44(5), 115721.

Liu WH, et al. (2025) Overcoming NK-mediated rejection by anti-3rd-party central memory veto CD8 T cells through downregulation of DNAM-1 on alloreactive NK cells. Cell reports, 44(5), 115674.

Berg BB, et al. (2025) Palmitoylethanolamide (PEA) Induces an Increase in Spleen Regulatory T Cells, Reduces CD8+ Cells and TNF-? Levels in Target Organs, and Protects Mice From Graft-Versus-Host Disease-Related Mortality Through PPAR Activation Without Compromising the Graft-Versus-Tumour Response. Immunology.

Madej M, et al. (2025) PUS10-induced tRNA fragmentation impacts retrotransposon-driven inflammation. Cell reports, 44(6), 115735.

McGrath JJC, et al. (2025) Mutability and hypermutation antagonize immunoglobulin codon optimality. Molecular cell, 85(2), 430.

Cho HS, et al. (2025) Structure of gut microbial glycolipid modulates host inflammatory response. Cell.

Abayasiriwardana K, et al. (2025) A Novel B7-H4xCD3 Bispecific T-cell Engager (PF-07260437) Synergizes with Breast Cancer Standard of Care and Immune Checkpoint Therapies. Molecular cancer therapeutics, 24(7), 976.

González-Domínguez I, et al. (2024) Preclinical evaluation of a universal inactivated influenza B vaccine based on the mosaic hemagglutinin-approach. NPJ vaccines, 9(1), 222.

Garyn CM, et al. (2024) G2 arrest primes hematopoietic stem cells for megakaryopoiesis. Cell reports, 43(7), 114388.

Slamanig S, et al. (2024) Intranasal SARS-CoV-2 Omicron variant vaccines elicit humoral and cellular mucosal immunity in female mice. EBioMedicine, 105, 105185.

Cieřla M, et al. (2023) m6A-driven SF3B1 translation control steers splicing to direct genome integrity and leukemogenesis. *Molecular cell*, 83(7), 1165.

Sivasami P, et al. (2023) Obesity-induced dysregulation of skin-resident PPAR γ + Treg cells promotes IL-17A-mediated psoriatic inflammation. *Immunity*, 56(8), 1844.

Kak G, et al. (2023) IL-10 production by granulocytes promotes *Staphylococcus aureus* craniotomy infection. *Journal of neuroinflammation*, 20(1), 114.

Hamdan F, et al. (2023) Controlled release of enhanced cross-hybrid IgGA Fc PD-L1 inhibitors using oncolytic adenoviruses. *Molecular therapy oncolytics*, 28, 264.

Christian DA, et al. (2022) cDC1 coordinate innate and adaptive responses in the omentum required for T cell priming and memory. *Science immunology*, 7(75), eabq7432.

Rahman SMT, et al. (2022) Double knockin mice show NF- κ B trajectories in immune signaling and aging. *Cell reports*, 41(8), 111682.

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

Maruhashi T, et al. (2022) Binding of LAG-3 to stable peptide-MHC class II limits T cell function and suppresses autoimmunity and anti-cancer immunity. *Immunity*, 55(5), 912.

Wang X, et al. (2022) Zinc finger protein Zfp335 controls early T-cell development and survival through γ -selection-dependent and -independent mechanisms. *eLife*, 11.

Thumkeo D, et al. (2022) PGE2-EP2/EP4 signaling elicits immunosuppression by driving the mregDC-Treg axis in inflammatory tumor microenvironment. *Cell reports*, 39(10), 110914.