

Resource Summary Report

Generated by RRID on Jul 28, 2026

PE anti-human CD4

RRID:AB_314076

Type: Antibody

Proper Citation

BioLegend Cat# 300508, RRID:AB_314076

Antibody Information

URL: http://antibodyregistry.org/AB_314076

Proper Citation: BioLegend Cat# 300508, RRID:AB_314076

Target Antigen: CD4

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE anti-human CD4

Description: This monoclonal targets CD4

Target Organism: human

Clone ID: Clone RPA-T4

Antibody ID: AB_314076

Vendor: BioLegend

Catalog Number: 300508

Alternative Catalog Numbers: 300539, 300507, 300550

Record Creation Time: 20250819T215331+0000

Record Last Update: 20250820T002550+0000

Ratings and Alerts

No rating or validation information has been found for PE anti-human CD4.

No alerts have been found for PE anti-human CD4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Morton JJ, et al. (2025) Autologous Thymic Organoids Support Functional T-cell Education and Enhance Antitumor Immunity in Humanized Mice with Melanoma Xenografts. *Cancer research communications*, 5(11), 2053.

Mitsuno K, et al. (2025) Selective JAK2 pathway inhibition enhances anti-leukemic functionality in CD19 CAR-T cells. *Cancer immunology, immunotherapy : CII*, 74(3), 79.

Zhang T, et al. (2025) Humanized mouse model reveals T cell ANXA2 as a potential therapeutic target in ischemic stroke. *iScience*, 28(5), 112302.

Ni Y, et al. (2024) Human yolk sac-derived innate lymphoid-biased multipotent progenitors emerge prior to hematopoietic stem cell formation. *Developmental cell*, 59(19), 2626.

Billipp TE, et al. (2024) Tuft cell-derived acetylcholine promotes epithelial chloride secretion and intestinal helminth clearance. *Immunity*, 57(6), 1243.

Patel E, et al. (2024) XTX301, a Tumor-Activated Interleukin-12 Has the Potential to Widen the Therapeutic Index of IL12 Treatment for Solid Tumors as Evidenced by Preclinical Studies. *Molecular cancer therapeutics*, 23(4), 421.

Lanman NA, et al. (2024) Infiltrating lipid-rich macrophage subpopulations identified as a regulator of increasing prostate size in human benign prostatic hyperplasia. *Frontiers in immunology*, 15, 1494476.

Keenan BP, et al. (2022) Circulating monocytes associated with anti-PD-1 resistance in human biliary cancer induce T cell paralysis. *Cell reports*, 40(12), 111384.

Ziegler CGK, et al. (2021) Impaired local intrinsic immunity to SARS-CoV-2 infection in severe COVID-19. *Cell*, 184(18), 4713.

Miller IC, et al. (2021) Enhanced intratumoural activity of CAR T cells engineered to produce immunomodulators under photothermal control. *Nature biomedical engineering*, 5(11), 1348.

McGinty JW, et al. (2020) Tuft-Cell-Derived Leukotrienes Drive Rapid Anti-helminth Immunity in the Small Intestine but Are Dispensable for Anti-protist Immunity. *Immunity*,

52(3), 528.

Chang ZL, et al. (2020) Engineering primary T cells with chimeric antigen receptors for rewired responses to soluble ligands. *Nature protocols*, 15(4), 1507.

Zeng Y, et al. (2019) Single-Cell RNA Sequencing Resolves Spatiotemporal Development of Pre-thymic Lymphoid Progenitors and Thymus Organogenesis in Human Embryos. *Immunity*, 51(5), 930.

Franchini DM, et al. (2019) Microtubule-Driven Stress Granule Dynamics Regulate Inhibitory Immune Checkpoint Expression in T Cells. *Cell reports*, 26(1), 94.

Kuo HH, et al. (2018) Anti-apoptotic Protein BIRC5 Maintains Survival of HIV-1-Infected CD4⁺ T Cells. *Immunity*, 48(6), 1183.