

Resource Summary Report

Generated by [dkNET](#) on Sep 16, 2026

APC anti-human CD4

RRID:AB_571945

Type: Antibody

Proper Citation

BioLegend Cat# 317416, RRID:AB_571945

Antibody Information

URL: http://antibodyregistry.org/AB_571945

Proper Citation: BioLegend Cat# 317416, RRID:AB_571945

Target Antigen: CD4

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC anti-human CD4

Description: This monoclonal targets CD4

Target Organism: cynomolgus, rhesus, human

Clone ID: Clone OKT4

Antibody ID: AB_571945

Vendor: BioLegend

Catalog Number: 317416

Alternative Catalog Numbers: 317415

Record Creation Time: 20231110T044027+0000

Record Last Update: 20260829T001530+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Rodriguez C, et al. (2026) A radiopharmaceutical enhances CAR T cells against radio-sensitive and radio-resistant neuroblastoma by tumor sensitization and TME remodeling. *Cell reports. Medicine*, 7(7), 102884.

Rahman J, et al. (2025) A CD4+ T cell-intrinsic complement C5aR2-prostacyclin-IL-1R2 axis orchestrates Th1 cell contraction. *Immunity*, 58(6), 1438.

Pozniak J, et al. (2024) A TCF4-dependent gene regulatory network confers resistance to immunotherapy in melanoma. *Cell*, 187(1), 166.

Kinoshita S, et al. (2024) Rejuvenated iPSC-derived GD2-directed CART Cells Harbor Robust Cytotoxicity Against Small Cell Lung Cancer. *Cancer research communications*, 4(3), 723.

Simon M, et al. (2024) Single-cell chromatin accessibility and transposable element landscapes reveal shared features of tissue-residing immune cells. *Immunity*, 57(8), 1975.

Pénzes Z, et al. (2023) The dual role of cannabidiol on monocyte-derived dendritic cell differentiation and maturation. *Frontiers in immunology*, 14, 1240800.

Wei Y, et al. (2023) Single-cell epigenetic, transcriptional, and protein profiling of latent and active HIV-1 reservoir revealed that IKZF3 promotes HIV-1 persistence. *Immunity*, 56(11), 2584.

Zhong W, et al. (2023) Upregulation of exosome secretion from tumor-associated macrophages plays a key role in the suppression of anti-tumor immunity. *Cell reports*, 42(10), 113224.

Zhang W, et al. (2022) ICAM-1-mediated adhesion is a prerequisite for exosome-induced T cell suppression. *Developmental cell*, 57(3), 329.

Höfle J, et al. (2022) Engagement of TRAIL triggers degranulation and IFN γ production in human natural killer cells. *EMBO reports*, 23(8), e54133.

Zhang X, et al. (2022) Depletion of BATF in CAR-T cells enhances antitumor activity by inducing resistance against exhaustion and formation of central memory cells. *Cancer cell*,

40(11), 1407.

Bossini-Castillo L, et al. (2022) Immune disease variants modulate gene expression in regulatory CD4⁺ T cells. *Cell genomics*, 2(4).

Bellini N, et al. (2022) MiRNA-103 downmodulates CCR5 expression reducing human immunodeficiency virus type-1 entry and impacting latency establishment in CD4⁺ T cells. *iScience*, 25(10), 105234.

Xue J, et al. (2022) Efficient treatment and pre-exposure prophylaxis in rhesus macaques by an HIV fusion-inhibitory lipopeptide. *Cell*, 185(1), 131.

Xiang H, et al. (2022) Vps33B controls Treg cell suppressive function through inhibiting lysosomal nutrient sensing complex-mediated mTORC1 activation. *Cell reports*, 39(11), 110943.

Clayton KL, et al. (2021) HIV-infected macrophages resist efficient NK cell-mediated killing while preserving inflammatory cytokine responses. *Cell host & microbe*, 29(3), 435.

Dupont L, et al. (2021) The SMC5/6 complex compacts and silences unintegrated HIV-1 DNA and is antagonized by Vpr. *Cell host & microbe*, 29(5), 792.

Mishra A, et al. (2021) Microbial exposure during early human development primes fetal immune cells. *Cell*, 184(13), 3394.

Beatson RE, et al. (2021) TGF- β 1 potentiates V α 9V β 2 T cell adoptive immunotherapy of cancer. *Cell reports. Medicine*, 2(12), 100473.

Su Y, et al. (2020) Multi-Omics Resolves a Sharp Disease-State Shift between Mild and Moderate COVID-19. *Cell*, 183(6), 1479.