Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 18, 2025

PerCP/Cyanine5.5 anti-mouse CD4

RRID:AB_893324 Type: Antibody

Proper Citation

(BioLegend Cat# 100434, RRID:AB_893324)

Antibody Information

URL: http://antibodyregistry.org/AB_893324

Proper Citation: (BioLegend Cat# 100434, RRID:AB_893324)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PerCP/Cyanine5.5 anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone GK1.5

Antibody ID: AB_893324

Vendor: BioLegend

Catalog Number: 100434

Alternative Catalog Numbers: 100433

Record Creation Time: 20231110T042741+0000

Record Last Update: 20241115T014109+0000

Ratings and Alerts

No rating or validation information has been found for PerCP/Cyanine5.5 anti-mouse CD4.

No alerts have been found for PerCP/Cyanine5.5 anti-mouse CD4.

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 FDI Lab - SciCrunch.org.

Kunze-Schumacher H, et al. (2025) High-resolution mapping of cell cycle dynamics during steady-state T cell development and regeneration in vivo. Cell reports, 44(1), 115132.

De Leo A, et al. (2024) Glucose-driven histone lactylation promotes the immunosuppressive activity of monocyte-derived macrophages in glioblastoma. Immunity, 57(5), 1105.

Peng L, et al. (2024) Hippo-signaling-controlled MHC class I antigen processing and presentation pathway potentiates antitumor immunity. Cell reports, 43(4), 114003.

Chen Z, et al. (2024) Neuronal-enriched small extracellular vesicles trigger a PD-L1mediated broad suppression of T cells in Parkinson's disease. iScience, 27(7), 110243.

Riquelme MA, et al. (2024) Antibody-activation of connexin hemichannels in bone osteocytes with ATP release suppresses breast cancer and osteosarcoma malignancy. Cell reports, 43(7), 114377.

Rosenlehner T, et al. (2024) Reciprocal regulation of mTORC1 signaling and ribosomal biosynthesis determines cell cycle progression in activated T cells. Science signaling, 17(859), eadi8753.

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

Hu C, et al. (2024) Tumor-secreted FGF21 acts as an immune suppressor by rewiring cholesterol metabolism of CD8+T cells. Cell metabolism, 36(3), 630.

Blomberg OS, et al. (2023) IL-5-producing CD4+ T cells and eosinophils cooperate to enhance response to immune checkpoint blockade in breast cancer. Cancer cell, 41(1), 106.

He K, et al. (2023) Gasdermin D licenses MHCII induction to maintain food tolerance in small intestine. Cell, 186(14), 3033.

Ferreira ACF, et al. (2023) Neuroprotective protein ADNP-dependent histone remodeling complex promotes T helper 2 immune cell differentiation. Immunity, 56(7), 1468.

Zou J, et al. (2023) Maternal fiber deprivation alters microbiota in offspring, resulting in lowgrade inflammation and predisposition to obesity. Cell host & microbe, 31(1), 45.

Okamoto M, et al. (2023) A genetic method specifically delineates Th1-type Treg cells and their roles in tumor immunity. Cell reports, 42(7), 112813.

Panda SK, et al. (2023) Repression of the aryl-hydrocarbon receptor prevents oxidative stress and ferroptosis of intestinal intraepithelial lymphocytes. Immunity, 56(4), 797.

De Giovanni M, et al. (2023) Platelets and mast cells promote pathogenic eosinophil recruitment during invasive fungal infection via the 5-HIAA-GPR35 ligand-receptor system. Immunity, 56(7), 1548.

Liu Y, et al. (2023) STING-IRG1 inhibits liver metastasis of colorectal cancer by regulating the polarization of tumor-associated macrophages. iScience, 26(8), 107376.

Bhaskar A, et al. (2023) SIRT2 inhibition by AGK2 enhances mycobacteria-specific stem cell memory responses by modulating beta-catenin and glycolysis. iScience, 26(5), 106644.

Fueyo-González F, et al. (2022) Interferon-? acts directly on T cells to prolong allograft survival by enhancing regulatory T cell induction through Foxp3 acetylation. Immunity, 55(3), 459.

Pinget GV, et al. (2022) Dysbiosis in imiquimod-induced psoriasis alters gut immunity and exacerbates colitis development. Cell reports, 40(7), 111191.

Soni N, et al. (2022) Bone marrow-derived extracellular vesicles modulate the abundance of infiltrating immune cells in the brain and exert an antiviral effect against the Japanese encephalitis virus. FASEB bioAdvances, 4(12), 798.