Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

PE anti-mouse CD4

RRID:AB_312715
Type: Antibody

Proper Citation

(BioLegend Cat# 100512, RRID:AB_312715)

Antibody Information

URL: http://antibodyregistry.org/AB_312715

Proper Citation: (BioLegend Cat# 100512, RRID:AB_312715)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Antibody ID: AB_312715

Vendor: BioLegend

Catalog Number: 100512

Alternative Catalog Numbers: 100511

Record Creation Time: 20231110T045028+0000

Record Last Update: 20241115T081746+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Rebeck ON, et al. (2024) A yeast-based oral therapeutic delivers immune checkpoint inhibitors to reduce intestinal tumor burden. Cell chemical biology.

Nagai M, et al. (2024) Sugar and arginine facilitate oral tolerance by ensuring the functionality of tolerogenic immune cell subsets in the intestine. Cell reports, 43(7), 114490.

Wang Y, et al. (2024) A pan-family screen of nuclear receptors in immunocytes reveals ligand-dependent inflammasome control. Immunity, 57(12), 2737.

Huang J, et al. (2023) SLFN5-mediated chromatin dynamics sculpt higher-order DNA repair topology. Molecular cell, 83(7), 1043.

Duan J, et al. (2023) Endoplasmic reticulum stress in the intestinal epithelium initiates purine metabolite synthesis and promotes Th17 cell differentiation in the gut. Immunity, 56(5), 1115.

Okano M, et al. (2022) Interleukin-33-activated neuropeptide CGRP-producing memory Th2 cells cooperate with somatosensory neurons to induce conjunctival itch. Immunity, 55(12), 2352.

Sugiura A, et al. (2022) MTHFD2 is a metabolic checkpoint controlling effector and regulatory T cell fate and function. Immunity, 55(1), 65.

Liu B, et al. (2022) Large-scale multiplexed mosaic CRISPR perturbation in the whole organism. Cell, 185(16), 3008.

Morimoto J, et al. (2022) Aire suppresses CTLA-4 expression from the thymic stroma to control autoimmunity. Cell reports, 38(7), 110384.

Lauver MD, et al. (2022) T cell deficiency precipitates antibody evasion and emergence of neurovirulent polyomavirus. eLife, 11.

Qin Y, et al. (2021) m6A mRNA methylation-directed myeloid cell activation controls progression of NAFLD and obesity. Cell reports, 37(6), 109968.

Prizant H, et al. (2021) CXCL10+ peripheral activation niches couple preferred sites of Th1 entry with optimal APC encounter. Cell reports, 36(6), 109523.

Tartey S, et al. (2021) A MyD88/IL1R Axis Regulates PD-1 Expression on Tumor-Associated Macrophages and Sustains Their Immunosuppressive Function in Melanoma. Cancer research, 81(9), 2358.

Delacher M, et al. (2021) Single-cell chromatin accessibility landscape identifies tissue repair program in human regulatory T cells. Immunity, 54(4), 702.

Thomas AM, et al. (2021) Localized hydrogel delivery of dendritic cells for attenuation of multiple sclerosis in a murine model. Journal of biomedical materials research. Part A, 109(7), 1247.

Kolev M, et al. (2020) Diapedesis-Induced Integrin Signaling via LFA-1 Facilitates Tissue Immunity by Inducing Intrinsic Complement C3 Expression in Immune Cells. Immunity, 52(3), 513.

Thomas AM, et al. (2020) Brief exposure to hyperglycemia activates dendritic cells in vitro and in vivo. Journal of cellular physiology, 235(6), 5120.

Karagiannis F, et al. (2020) Lipid-Droplet Formation Drives Pathogenic Group 2 Innate Lymphoid Cells in Airway Inflammation. Immunity, 52(4), 620.

Haniuda K, et al. (2020) Metabolic Reprogramming Induces Germinal Center B Cell Differentiation through Bcl6 Locus Remodeling. Cell reports, 33(5), 108333.

Jayachandran R, et al. (2019) Disruption of Coronin 1 Signaling in T Cells Promotes Allograft Tolerance while Maintaining Anti-Pathogen Immunity. Immunity, 50(1), 152.