Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

PE/Cyanine7 anti-human CD4

RRID:AB_314080
Type: Antibody

Proper Citation

(BioLegend Cat# 300512, RRID:AB_314080)

Antibody Information

URL: http://antibodyregistry.org/AB_314080

Proper Citation: (BioLegend Cat# 300512, RRID:AB_314080)

Target Antigen: CD4

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine7 anti-human CD4

Description: This monoclonal targets CD4

Target Organism: human

Clone ID: Clone RPA-T4

Antibody ID: AB_314080

Vendor: BioLegend

Catalog Number: 300512

Alternative Catalog Numbers: 300511

Record Creation Time: 20231110T045000+0000

Record Last Update: 20241115T094458+0000

Ratings and Alerts

No rating or validation information has been found for PE/Cyanine7 anti-human CD4.

No alerts have been found for PE/Cyanine7 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 FDI Lab - SciCrunch.org.

Kume M, et al. (2024) Downregulation of semaphorin 4A in keratinocytes reflects the features of non-lesional psoriasis. eLife, 13.

Moskovljevic M, et al. (2024) Cognate antigen engagement induces HIV-1 expression in latently infected CD4+ T cells from people on long-term antiretroviral therapy. Immunity, 57(12), 2928.

MacDonald L, et al. (2024) Synovial tissue myeloid dendritic cell subsets exhibit distinct tissue-niche localization and function in health and rheumatoid arthritis. Immunity, 57(12), 2843.

Albanese M, et al. (2024) Receptor transfer between immune cells by autoantibody-enhanced, CD32-driven trogocytosis is hijacked by HIV-1 to infect resting CD4 T cells. Cell reports. Medicine, 5(4), 101483.

Baßler K, et al. (2023) Identification of the novel FOXP3-dependent Treg cell transcription factor MEOX1 by high-dimensional analysis of human CD4+ T cells. Frontiers in immunology, 14, 1107397.

Wang H, et al. (2023) Multi-omics blood atlas reveals unique features of immune and platelet responses to SARS-CoV-2 Omicron breakthrough infection. Immunity, 56(6), 1410.

Saotome K, et al. (2023) Structural analysis of cancer-relevant TCR-CD3 and peptide-MHC complexes by cryoEM. Nature communications, 14(1), 2401.

Ke S, et al. (2022) High-level of intratumoral GITR+ CD4 T cells associate with poor prognosis in gastric cancer. iScience, 25(12), 105529.

Lopez P, et al. (2022) T cell migration potentiates HIV infection by enhancing viral fusion and integration. Cell reports, 38(8), 110406.

Jaiswal A, et al. (2022) An activation to memory differentiation trajectory of tumor-infiltrating lymphocytes informs metastatic melanoma outcomes. Cancer cell, 40(5), 524.

Nesterenko PA, et al. (2021) HLA-A?02:01 restricted T cell receptors against the highly conserved SARS-CoV-2 polymerase cross-react with human coronaviruses. Cell reports, 37(13), 110167.

Muliaditan T, et al. (2021) Synergistic T cell signaling by 41BB and CD28 is optimally achieved by membrane proximal positioning within parallel chimeric antigen receptors. Cell reports. Medicine, 2(12), 100457.

Park JA, et al. (2021) Modulating tumor infiltrating myeloid cells to enhance bispecific antibody-driven T cell infiltration and anti-tumor response. Journal of hematology & oncology, 14(1), 142.

Ratnapriya S, et al. (2021) Intra- and extra-cellular environments contribute to the fate of HIV-1 infection. Cell reports, 36(9), 109622.

Dai B, et al. (2021) Dual targeting of lymphocyte homing and retention through ?4?7 and ?E?7 inhibition in inflammatory bowel disease. Cell reports. Medicine, 2(8), 100381.