

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

Mouse Anti-CD4 Monoclonal Antibody, Alexa Fluor?? 700 Conjugated, Clone RPA-T4

RRID:AB_396943

Type: Antibody

Proper Citation

BD Biosciences Cat# 557922, RRID:AB_396943

Antibody Information

URL: http://antibodyregistry.org/AB_396943

Proper Citation: BD Biosciences Cat# 557922, RRID:AB_396943

Target Antigen: CD4

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: Mouse Anti-CD4 Monoclonal Antibody, Alexa Fluor?? 700 Conjugated, Clone RPA-T4

Description: This monoclonal targets CD4

Target Organism: human

Clone ID: RPA-T4

Antibody ID: AB_396943

Vendor: BD Biosciences

Catalog Number: 557922

Record Creation Time: 20250819T224441+0000

Record Last Update: 20250820T031019+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-CD4 Monoclonal Antibody, Alexa Fluor?? 700 Conjugated, Clone RPA-T4.

No alerts have been found for Mouse Anti-CD4 Monoclonal Antibody, Alexa Fluor?? 700 Conjugated, Clone RPA-T4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

You JE, et al. (2025) Secreted AZGP1 induced by 5-FU binds to PD-L1 and promotes apoptosis in cholangiocarcinoma. *Molecular medicine (Cambridge, Mass.)*, 31(1), 295.

van Meijgaarden KE, et al. (2025) Sera contributing to mycobacterial growth restriction in vitro display enhanced Fc-mediated phagocytosis. *iScience*, 28(5), 112504.

Conn BP, et al. (2025) Generation of T cell responses against broad KRAS hotspot neoantigens for cell therapy or TCR discovery. *Cell reports methods*, 5(5), 101049.

Koh DI, et al. (2024) The Immune Suppressor IGSF1 as a Potential Target for Cancer Immunotherapy. *Cancer immunology research*, 12(4), 491.

Dias J, et al. (2024) Retinoic acid enhances HIV-1 reverse transcription and transcription in macrophages via mTOR-modulated mechanisms. *Cell reports*, 43(7), 114414.

Astorga-Gamaza A, et al. (2023) KLRG1 expression on natural killer cells is associated with HIV persistence, and its targeting promotes the reduction of the viral reservoir. *Cell reports. Medicine*, 4(10), 101202.

Chatterjee D, et al. (2023) Identification of aryl hydrocarbon receptor as a barrier to HIV-1 infection and outgrowth in CD4+ T cells. *Cell reports*, 42(6), 112634.

Popovi? B, et al. (2023) Time-dependent regulation of cytokine production by RNA binding proteins defines T cell effector function. *Cell reports*, 42(5), 112419.

Hsiao CC, et al. (2023) Osteopontin associates with brain TRM-cell transcriptome and compartmentalization in donors with and without multiple sclerosis. *iScience*, 26(1), 105785.

Rodda LB, et al. (2022) Imprinted SARS-CoV-2-specific memory lymphocytes define hybrid immunity. *Cell*, 185(9), 1588.

Balachandran H, et al. (2022) Maintenance of broad neutralizing antibodies and memory B cells 1 year post-infection is predicted by SARS-CoV-2-specific CD4+ T cell responses.

Cell reports, 38(6), 110345.

Bonifacius A, et al. (2021) COVID-19 immune signatures reveal stable antiviral T cell function despite declining humoral responses. *Immunity*, 54(2), 340.

Portillo AL, et al. (2021) Expanded human NK cells armed with CAR uncouple potent anti-tumor activity from off-tumor toxicity against solid tumors. *iScience*, 24(6), 102619.

Nguyen DX, et al. (2021) Regulatory T cells enhance Th17 migration in psoriatic arthritis which is reversed by anti-TNF. *iScience*, 24(9), 102973.

Olson KE, et al. (2021) Safety, tolerability, and immune-biomarker profiling for year-long sargramostim treatment of Parkinson's disease. *EBioMedicine*, 67, 103380.

Choi J, et al. (2021) Systematic discovery and validation of T cell targets directed against oncogenic KRAS mutations. *Cell reports methods*, 1(5), 100084.

Fenton TM, et al. (2020) Immune Profiling of Human Gut-Associated Lymphoid Tissue Identifies a Role for Isolated Lymphoid Follicles in Priming of Region-Specific Immunity. *Immunity*, 52(3), 557.

Miragaia RJ, et al. (2019) Single-Cell Transcriptomics of Regulatory T Cells Reveals Trajectories of Tissue Adaptation. *Immunity*, 50(2), 493.

Abelin JG, et al. (2019) Defining HLA-II Ligand Processing and Binding Rules with Mass Spectrometry Enhances Cancer Epitope Prediction. *Immunity*, 51(4), 766.

Corleis B, et al. (2019) HIV-1 and SIV Infection Are Associated with Early Loss of Lung Interstitial CD4⁺ T Cells and Dissemination of Pulmonary Tuberculosis. *Cell reports*, 26(6), 1409.