

Resource Summary Report

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BV510 Rat Anti-Mouse CD4 Antibody

RRID:AB_2687550

Type: Antibody

Proper Citation

(BD Biosciences Cat# 563106, RRID:AB_2687550)

Antibody Information

URL: http://antibodyregistry.org/AB_2687550

Proper Citation: (BD Biosciences Cat# 563106, RRID:AB_2687550)

Target Antigen: Mouse CD4

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: BV510 Rat Anti-Mouse CD4 Antibody

Description: This monoclonal targets Mouse CD4

Target Organism: mouse

Clone ID: RM4-5

Antibody ID: AB_2687550

Vendor: BD Biosciences

Catalog Number: 563106

Ratings and Alerts

No rating or validation information has been found for BV510 Rat Anti-Mouse CD4 Antibody.

No alerts have been found for BV510 Rat Anti-Mouse CD4 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Seedhom MO, et al. (2024) Paradoxical imbalance between activated lymphocyte protein synthesis capacity and rapid division rate. *eLife*, 12.

Miyamoto K, et al. (2023) The gut microbiota-induced kynurenic acid recruits GPR35-positive macrophages to promote experimental encephalitis. *Cell reports*, 42(8), 113005.

Takimoto Y, et al. (2023) Myeloid TLR4 signaling promotes post-injury withdrawal resolution of murine liver fibrosis. *iScience*, 26(3), 106220.

Denis M, et al. (2022) Impact of mouse model tumor implantation site on acquired resistance to anti-PD-1 immune checkpoint therapy. *Frontiers in immunology*, 13, 1011943.

Nagao JI, et al. (2022) Pathobiont-responsive Th17 cells in gut-mouth axis provoke inflammatory oral disease and are modulated by intestinal microbiome. *Cell reports*, 40(10), 111314.

Yeh CH, et al. (2022) Primary germinal center-resident T follicular helper cells are a physiologically distinct subset of CXCR5hiPD-1hi T follicular helper cells. *Immunity*, 55(2), 272.

Watanabe M, et al. (2022) Antigen-presenting T cells provide critical B7 co-stimulation for thymic iNKT cell development via CD28-dependent trogocytosis. *Cell reports*, 41(9), 111731.

Knudsen ML, et al. (2022) Adjuvants influence the maturation of VRC01-like antibodies during immunization. *iScience*, 25(11), 105473.

Nixon BG, et al. (2022) Tumor-associated macrophages expressing the transcription factor IRF8 promote T cell exhaustion in cancer. *Immunity*, 55(11), 2044.

Song W, et al. (2022) Development of Tbet- and CD11c-expressing B cells in a viral infection requires T follicular helper cells outside of germinal centers. *Immunity*, 55(2), 290.

Sun Z, et al. (2021) The kinase PDK1 is critical for promoting T follicular helper cell differentiation. *eLife*, 10.

Blake SJ, et al. (2021) The immunotoxicity, but not anti-tumor efficacy, of anti-CD40 and anti-CD137 immunotherapies is dependent on the gut microbiota. *Cell reports. Medicine*, 2(12), 100464.

Huang X, et al. (2021) Murine model of colonization with fungal pathogen *Candida auris* to explore skin tropism, host risk factors and therapeutic strategies. *Cell host & microbe*, 29(2), 210.

McCauley ME, et al. (2020) C9orf72 in myeloid cells suppresses STING-induced inflammation. *Nature*, 585(7823), 96.

Lin YR, et al. (2020) HIV-1 VRC01 Germline-Targeting Immunogens Select Distinct Epitope-Specific B Cell Receptors. *Immunity*, 53(4), 840.

Parks KR, et al. (2019) Overcoming Steric Restrictions of VRC01 HIV-1 Neutralizing Antibodies through Immunization. *Cell reports*, 29(10), 3060.

Zhou J, et al. (2019) Liver-Resident NK Cells Control Antiviral Activity of Hepatic T Cells via the PD-1-PD-L1 Axis. *Immunity*, 50(2), 403.

Salvioni A, et al. (2019) Robust Control of a Brain-Persisting Parasite through MHC I Presentation by Infected Neurons. *Cell reports*, 27(11), 3254.

Lindenstrøm T, et al. (2018) T Cells Primed by Live *Mycobacteria* Versus a Tuberculosis Subunit Vaccine Exhibit Distinct Functional Properties. *EBioMedicine*, 27, 27.

Hayatsu N, et al. (2017) Analyses of a Mutant *Foxp3* Allele Reveal BATF as a Critical Transcription Factor in the Differentiation and Accumulation of Tissue Regulatory T Cells. *Immunity*, 47(2), 268.