

Resource Summary Report

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BV605 Rat Anti-Mouse CD4 Antibody

RRID:AB_2687549

Type: Antibody

Proper Citation

(BD Biosciences Cat# 563151, RRID:AB_2687549)

Antibody Information

URL: http://antibodyregistry.org/AB_2687549

Proper Citation: (BD Biosciences Cat# 563151, RRID:AB_2687549)

Target Antigen: Mouse CD4

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: BV605 Rat Anti-Mouse CD4 Antibody

Description: This monoclonal targets Mouse CD4

Target Organism: mouse

Clone ID: RM4-5

Antibody ID: AB_2687549

Vendor: BD Biosciences

Catalog Number: 563151

Record Creation Time: 20231110T034042+0000

Record Last Update: 20240725T081730+0000

Ratings and Alerts

No rating or validation information has been found for BV605 Rat Anti-Mouse CD4 Antibody.

No alerts have been found for BV605 Rat Anti-Mouse CD4 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

He C, et al. (2024) UFL1 ablation in T cells suppresses PD-1 UFMylation to enhance anti-tumor immunity. *Molecular cell*, 84(6), 1120.

Cardinez C, et al. (2024) IKK2 controls the inflammatory potential of tissue-resident regulatory T cells in a murine gain of function model. *Nature communications*, 15(1), 2345.

Porier DL, et al. (2024) Humoral and T-cell-mediated responses to an insect-specific flavivirus-based Zika virus vaccine candidate. *PLoS pathogens*, 20(10), e1012566.

Jia D, et al. (2024) Microbial metabolite enhances immunotherapy efficacy by modulating T cell stemness in pan-cancer. *Cell*, 187(7), 1651.

Kinashi Y, et al. (2024) Intestinal epithelium dysfunctions cause IgA deposition in the kidney glomeruli of intestine-specific Ap1m2-deficient mice. *EBioMedicine*, 106, 105256.

Archer D, et al. (2023) The importance of the timing of microbial signals for perinatal immune system development. *Microbiome research reports*, 2(2), 11.

Chen HA, et al. (2023) Senescence Rewires Microenvironment Sensing to Facilitate Antitumor Immunity. *Cancer discovery*, 13(2), 432.

Xiao X, et al. (2023) ERK and USP5 govern PD-1 homeostasis via deubiquitination to modulate tumor immunotherapy. *Nature communications*, 14(1), 2859.

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.

Dammeijer F, et al. (2020) The PD-1/PD-L1-Checkpoint Restrains T cell Immunity in Tumor-Draining Lymph Nodes. *Cancer cell*, 38(5), 685.

Bosteels C, et al. (2020) Inflammatory Type 2 cDCs Acquire Features of cDC1s and Macrophages to Orchestrate Immunity to Respiratory Virus Infection. *Immunity*, 52(6), 1039.

Liu S, et al. (2019) Oral Administration of miR-30d from Feces of MS Patients Suppresses MS-like Symptoms in Mice by Expanding Akkermansia muciniphila. *Cell host & microbe*, 26(6), 779.

Blecher-Gonen R, et al. (2019) Single-Cell Analysis of Diverse Pathogen Responses Defines a Molecular Roadmap for Generating Antigen-Specific Immunity. *Cell systems*, 8(2), 109.

Daglas M, et al. (2019) Activated CD8⁺ T Cells Cause Long-Term Neurological Impairment after Traumatic Brain Injury in Mice. *Cell reports*, 29(5), 1178.

Perrot I, et al. (2019) Blocking Antibodies Targeting the CD39/CD73 Immunosuppressive Pathway Unleash Immune Responses in Combination Cancer Therapies. *Cell reports*, 27(8), 2411.

Medler TR, et al. (2018) Complement C5a Fosters Squamous Carcinogenesis and Limits T Cell Response to Chemotherapy. *Cancer cell*, 34(4), 561.

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.