

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 18, 2025

BV650 Rat Anti-Mouse CD4

RRID:AB_2716859

Type: Antibody

Proper Citation

(BD Biosciences Cat# 563747, RRID:AB_2716859)

Antibody Information

URL: http://antibodyregistry.org/AB_2716859

Proper Citation: (BD Biosciences Cat# 563747, RRID:AB_2716859)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: BV650 Rat Anti-Mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: RM4-5

Antibody ID: AB_2716859

Vendor: BD Biosciences

Catalog Number: 563747

Record Creation Time: 20231110T033802+0000

Record Last Update: 20240725T085634+0000

Ratings and Alerts

No rating or validation information has been found for BV650 Rat Anti-Mouse CD4.

No alerts have been found for BV650 Rat Anti-Mouse CD4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Deng C, et al. (2024) Extracellular-vesicle-packaged S100A11 from osteosarcoma cells mediates lung premetastatic niche formation by recruiting gMDSCs. *Cell reports*, 43(2), 113751.

Hänggi K, et al. (2024) Interleukin-1 β release during necrotic-like cell death generates myeloid-driven immunosuppression that restricts anti-tumor immunity. *Cancer cell*, 42(12), 2015.

Weckel A, et al. (2023) Long-term tolerance to skin commensals is established neonatally through a specialized dendritic cell subgroup. *Immunity*, 56(6), 1239.

Merana GR, et al. (2022) Intestinal inflammation alters the antigen-specific immune response to a skin commensal. *Cell reports*, 39(9), 110891.

Fettig NM, et al. (2022) Inhibition of Th1 activation and differentiation by dietary guar gum ameliorates experimental autoimmune encephalomyelitis. *Cell reports*, 40(11), 111328.

Arai M, et al. (2022) Protocol to evaluate cell lineage stability of mouse natural and induced regulatory T cells using bisulfite sequencing. *STAR protocols*, 3(4), 101694.

de Mingo Pulido Á, et al. (2021) The inhibitory receptor TIM-3 limits activation of the cGAS-STING pathway in intra-tumoral dendritic cells by suppressing extracellular DNA uptake. *Immunity*, 54(6), 1154.

Matias MI, et al. (2021) Regulatory T cell differentiation is controlled by β KG-induced alterations in mitochondrial metabolism and lipid homeostasis. *Cell reports*, 37(5), 109911.

Chopp LB, et al. (2020) An Integrated Epigenomic and Transcriptomic Map of Mouse and Human $\alpha\alpha$ T Cell Development. *Immunity*, 53(6), 1182.

Leech JM, et al. (2019) Toxin-Triggered Interleukin-1 Receptor Signaling Enables Early-Life Discrimination of Pathogenic versus Commensal Skin Bacteria. *Cell host & microbe*, 26(6), 795.

Celis-Gutierrez J, et al. (2019) Quantitative Interactomics in Primary T Cells Provides a Rationale for Concomitant PD-1 and BTLA Coinhibitor Blockade in Cancer Immunotherapy. *Cell reports*, 27(11), 3315.

de Mingo Pulido Á, et al. (2018) TIM-3 Regulates CD103+ Dendritic Cell Function and Response to Chemotherapy in Breast Cancer. *Cancer cell*, 33(1), 60.