

# Resource Summary Report

Generated by [dkNET](#) on Aug 14, 2026

## TCR b chain

RRID:AB\_398534

Type: Antibody

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### Proper Citation

BD Biosciences Cat# 553174, RRID:AB\_398534

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_398534](http://antibodyregistry.org/AB_398534)

**Proper Citation:** BD Biosciences Cat# 553174, RRID:AB\_398534

**Target Antigen:** TCR b chain

**Host Organism:** hamster

**Clonality:** monoclonal

**Comments:** Flow cytometry

**Antibody Name:** TCR b chain

**Description:** This monoclonal targets TCR b chain

**Target Organism:** mouse

**Antibody ID:** AB\_398534

**Vendor:** BD Biosciences

**Catalog Number:** 553174

**Record Creation Time:** 20250820T001529+0000

**Record Last Update:** 20250820T074800+0000

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### Ratings and Alerts

No rating or validation information has been found for TCR b chain.

No alerts have been found for TCR b chain.

## Data and Source Information

**Source:** [Antibody Registry](#)

## Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Wang H, et al. (2026) Targeting TMED4 enhances CD8+ T cell function and CAR T cell efficacy in solid tumors through the IRE1?-autophagy axis. Science advances, 12(24), eaee0517.

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

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

Hu Y, et al. (2023) Lineage-specific 3D genome organization is assembled at multiple scales by IKAROS. Cell, 186(24), 5269.

Kasashima H, et al. (2021) Stromal SOX2 Upregulation Promotes Tumorigenesis through the Generation of a SFRP1/2-Expressing Cancer-Associated Fibroblast Population. Developmental cell, 56(1), 95.

Linares JF, et al. (2021) PKC?? inhibition activates an ULK2-mediated interferon response to repress tumorigenesis. Molecular cell, 81(21), 4509.

Kanno T, et al. (2021) Acsbg1-dependent mitochondrial fitness is a metabolic checkpoint for tissue Treg cell homeostasis. Cell reports, 37(6), 109921.

Horkova V, et al. (2020) Dynamics of the Coreceptor-LCK Interactions during T Cell Development Shape the Self-Reactivity of Peripheral CD4 and CD8 T Cells. Cell reports, 30(5), 1504.

Chang D, et al. (2020) The Conserved Non-coding Sequences CNS6 and CNS9 Control Cytokine-Induced Rorc Transcription during T Helper 17 Cell Differentiation. Immunity, 53(3), 614.

Kudo Y, et al. (2020) PKC?? Loss Induces Autophagy, Oxidative Phosphorylation, and NRF2 to Promote Liver Cancer Progression. Cancer cell, 38(2), 247.

Segovia M, et al. (2019) Targeting TMEM176B Enhances Antitumor Immunity and Augments the Efficacy of Immune Checkpoint Blockers by Unleashing Inflammasome Activation. Cancer cell, 35(5), 767.

Ciecko AE, et al. (2019) Interleukin-27 Is Essential for Type 1 Diabetes Development and Sjögren Syndrome-like Inflammation. Cell reports, 29(10), 3073.

Adoue V, et al. (2019) The Histone Methyltransferase SETDB1 Controls T Helper Cell Lineage Integrity by Repressing Endogenous Retroviruses. *Immunity*, 50(3), 629.

Nakanishi Y, et al. (2018) Simultaneous Loss of Both Atypical Protein Kinase C Genes in the Intestinal Epithelium Drives Serrated Intestinal Cancer by Impairing Immunosurveillance. *Immunity*, 49(6), 1132.