

Resource Summary Report

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

TCR b chain

RRID:AB_394684

Type: Antibody

Proper Citation

BD Biosciences Cat# 553172, RRID:AB_394684

Antibody Information

URL: http://antibodyregistry.org/AB_394684

Proper Citation: BD Biosciences Cat# 553172, RRID:AB_394684

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_394684

Vendor: BD Biosciences

Catalog Number: 553172

Record Creation Time: 20250819T221252+0000

Record Last Update: 20250820T012824+0000

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 9 mentions in open access literature.

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

Broderick C, et al. (2025) A RAS(ON) Multi-Selective Inhibitor Combination Therapy Triggers Long-term Tumor Control through Senescence-Associated Tumor-Immune Equilibrium in Pancreatic Ductal Adenocarcinoma. *Cancer discovery*, 15(8), 1717.

Eggert J, et al. (2024) Cbl-b mitigates the responsiveness of naive CD8+ T cells that experience extensive tonic T cell receptor signaling. *Science signaling*, 17(822), eadh0439.

Lin CP, et al. (2024) Multimodal stimulation screens reveal unique and shared genes limiting T cell fitness. *Cancer cell*.

Qi L, et al. (2023) VEGFR-3 signaling restrains the neuron-macrophage crosstalk during neurotropic viral infection. *Cell reports*, 42(5), 112489.

Fukushima Y, et al. (2022) cis interaction of CD153 with TCR/CD3 is crucial for the pathogenic activation of senescence-associated T cells. *Cell reports*, 40(12), 111373.

Zhang Z, et al. (2022) RNF31 inhibition sensitizes tumors to bystander killing by innate and adaptive immune cells. *Cell reports. Medicine*, 3(6), 100655.

Gros M, et al. (2022) Endocytic membrane repair by ESCRT-III controls antigen export to the cytosol during antigen cross-presentation. *Cell reports*, 40(7), 111205.

Vredevoogd DW, et al. (2019) Augmenting Immunotherapy Impact by Lowering Tumor TNF Cytotoxicity Threshold. *Cell*, 178(3), 585.

Wu P, et al. (2019) Mechano-regulation of Peptide-MHC Class I Conformations Determines TCR Antigen Recognition. *Molecular cell*, 73(5), 1015.