

# Resource Summary Report

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

## Anti-Mouse TCR Vb Antibody, FITC Conjugated

RRID:AB\_647180

Type: Antibody

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### Proper Citation

BD Biosciences Cat# 557004, RRID:AB\_647180

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_647180](http://antibodyregistry.org/AB_647180)

**Proper Citation:** BD Biosciences Cat# 557004, RRID:AB\_647180

**Target Antigen:** Mouse TCR Vb

**Clonality:** unknown

**Comments:** Flow cytometry, Immunohistochemistry-frozen, Immunohistochemistry-paraffin, Western blot

**Antibody Name:** Anti-Mouse TCR Vb Antibody, FITC Conjugated

**Description:** This unknown targets Mouse TCR Vb

**Target Organism:** mouse

**Antibody ID:** AB\_647180

**Vendor:** BD Biosciences

**Catalog Number:** 557004

**Record Creation Time:** 20250820T052018+0000

**Record Last Update:** 20250820T212049+0000

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### Ratings and Alerts

No rating or validation information has been found for Anti-Mouse TCR Vb Antibody, FITC Conjugated.

No alerts have been found for Anti-Mouse TCR Vb Antibody, FITC Conjugated.

## Data and Source Information

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

## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Xiao Z, et al. (2025) Engineered T cells stimulate dendritic cell recruitment and antigen spreading for potent anti-tumor immunity. *Cell reports. Medicine*, 6(9), 102307.

Shin DS, et al. (2023) Lung injury induces a polarized immune response by self-antigen-specific CD4<sup>+</sup> Foxp3<sup>+</sup> regulatory T cells. *Cell reports*, 42(8), 112839.

Virassamy B, et al. (2023) Intratumoral CD8<sup>+</sup> T cells with a tissue-resident memory phenotype mediate local immunity and immune checkpoint responses in breast cancer. *Cancer cell*, 41(3), 585.

Le Moine M, et al. (2023) Homeostatic PD-1 signaling restrains EOMES-dependent oligoclonal expansion of liver-resident CD8 T cells. *Cell reports*, 42(8), 112876.

Lopes N, et al. (2022) Thymocytes trigger self-antigen-controlling pathways in immature medullary thymic epithelial stages. *eLife*, 11.

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.

Linehan JL, et al. (2018) Non-classical Immunity Controls Microbiota Impact on Skin Immunity and Tissue Repair. *Cell*, 172(4), 784.

Chen S, et al. (2018) A Lamina-Associated Domain Border Governs Nuclear Lamina Interactions, Transcription, and Recombination of the Tcrb Locus. *Cell reports*, 25(7), 1729.