

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 19, 2025

Brilliant Violet 711™ anti-mouse TCR ? chain

RRID:AB_2629564

Type: Antibody

Proper Citation

(BioLegend Cat# 109243, RRID:AB_2629564)

Antibody Information

URL: http://antibodyregistry.org/AB_2629564

Proper Citation: (BioLegend Cat# 109243, RRID:AB_2629564)

Target Antigen: TCR beta chain

Host Organism: armenian hamster

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 711™ anti-mouse TCR ? chain

Description: This monoclonal targets TCR beta chain

Target Organism: mouse

Clone ID: Clone H57-597

Antibody ID: AB_2629564

Vendor: BioLegend

Catalog Number: 109243

Record Creation Time: 20231110T034746+0000

Record Last Update: 20240725T055745+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 711™ anti-mouse TCR ? chain.

No alerts have been found for Brilliant Violet 711™ anti-mouse TCR ? chain.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Witt LT, et al. (2024) Streptococcus agalactiae and Escherichia coli induce distinct effector ?? T cell responses during neonatal sepsis. iScience, 27(5), 109669.

Buquicchio FA, et al. (2024) Distinct epigenomic landscapes underlie tissue-specific memory T cell differentiation. Immunity, 57(9), 2202.

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.

Luan J, et al. (2024) CD80 on skin stem cells promotes local expansion of regulatory T cells upon injury to orchestrate repair within an inflammatory environment. Immunity, 57(5), 1071.

Wu Q, et al. (2024) Ferritin heavy chain supports stability and function of the regulatory T cell lineage. The EMBO journal, 43(8), 1445.

Penninger P, et al. (2024) HDAC1 fine-tunes Th17 polarization in vivo to restrain tissue damage in fungal infections. Cell reports, 43(12), 114993.

Zhong J, et al. (2024) Distinct roles of TREM2 in central nervous system cancers and peripheral cancers. Cancer cell, 42(6), 968.

Barclay KM, et al. (2024) An inducible genetic tool to track and manipulate specific microglial states reveals their plasticity and roles in remyelination. Immunity, 57(6), 1394.

Textor J, et al. (2023) Machine learning analysis of the T cell receptor repertoire identifies sequence features of self-reactivity. Cell systems, 14(12), 1059.

Aguiar CF, et al. (2023) Tissue-specific metabolic profile drives iNKT cell function during obesity and liver injury. Cell reports, 42(1), 112035.

Kaminski A, et al. (2023) Resident regulatory T cells reflect the immune history of individual lymph nodes. *Science immunology*, 8(89), eadj5789.

Lötscher J, et al. (2022) Magnesium sensing via LFA-1 regulates CD8+ T cell effector function. *Cell*, 185(4), 585.

Wen L, et al. (2022) A humanized $\alpha 2$ integrin knockin mouse reveals localized intra- and extravascular neutrophil integrin activation in vivo. *Cell reports*, 39(9), 110876.

Burnett DL, et al. (2021) Immunizations with diverse sarbecovirus receptor-binding domains elicit SARS-CoV-2 neutralizing antibodies against a conserved site of vulnerability. *Immunity*, 54(12), 2908.

Delacher M, et al. (2021) Single-cell chromatin accessibility landscape identifies tissue repair program in human regulatory T cells. *Immunity*, 54(4), 702.

Czepielewski RS, et al. (2021) Ileitis-associated tertiary lymphoid organs arise at lymphatic valves and impede mesenteric lymph flow in response to tumor necrosis factor. *Immunity*, 54(12), 2795.

Rogers D, et al. (2021) Pre-existing chromatin accessibility and gene expression differences among naive CD4+ T cells influence effector potential. *Cell reports*, 37(9), 110064.

Ramos CV, et al. (2020) Cell Competition, the Kinetics of Thymopoiesis, and Thymus Cellularity Are Regulated by Double-Negative 2 to 3 Early Thymocytes. *Cell reports*, 32(3), 107910.

Magen A, et al. (2019) Single-Cell Profiling Defines Transcriptomic Signatures Specific to Tumor-Reactive versus Virus-Responsive CD4+ T Cells. *Cell reports*, 29(10), 3019.