

# Resource Summary Report

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

## Brilliant Violet 605™ anti-mouse TCR ? chain

RRID:AB\_2629563

Type: Antibody

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### Proper Citation

BioLegend Cat# 109241, RRID:AB\_2629563

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2629563](http://antibodyregistry.org/AB_2629563)

**Proper Citation:** BioLegend Cat# 109241, RRID:AB\_2629563

**Target Antigen:** TCR beta chain

**Host Organism:** armenian hamster

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** Brilliant Violet 605™ anti-mouse TCR ? chain

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

**Target Organism:** mouse

**Clone ID:** Clone H57-597

**Antibody ID:** AB\_2629563

**Vendor:** BioLegend

**Catalog Number:** 109241

**Record Creation Time:** 20250820T043413+0000

**Record Last Update:** 20250820T191942+0000

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### Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 605™ anti-mouse TCR ? chain.

No alerts have been found for Brilliant Violet 605™ anti-mouse TCR  $\alpha$  chain.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Lu G, et al. (2026) In vivo detection of immune responses via cytokine activity labeling. *Cell*.

Scott-Solomon E, et al. (2026) Stress-induced sympathetic hyperactivation drives hair follicle necrosis to trigger autoimmunity. *Cell*, 189(1), 252.

Allman A, et al. (2025) Splenic fibroblasts control marginal zone B cell movement and function via two distinct Notch2-dependent regulatory programs. *Immunity*, 58(1), 143.

Kong G, et al. (2025) Clonally expanded, targetable, natural killer-like NKG7 T cells seed the aged spinal cord to disrupt myeloid-dependent wound healing. *Neuron*, 113(5), 684.

Zhang Y, et al. (2025) EGR2 O-GlcNAcylation orchestrates the development of protumoral macrophages to limit CD8<sup>+</sup> T cell antitumor responses. *Cell chemical biology*, 32(6), 809.

Kim WJ, et al. (2025) Mis-splicing-derived neoantigens and cognate TCRs in splicing factor mutant leukemias. *Cell*, 188(13), 3422.

Xie Z, et al. (2025) Enteric neuronal Piezo1 maintains mechanical and immunological homeostasis by sensing force. *Cell*, 188(9), 2417.

Pioli KT, et al. (2025) Lymphopoiesis is attenuated upon hepatocyte-specific deletion of the cytochrome c oxidase assembly factor Sco1. *iScience*, 28(4), 112151.

Bündgen G, et al. (2025) Polyamines regulate adaptive antitumor immunity by functional specialization of regulatory T cells. *Immunity*, 58(8), 2019.

Rubio RM, et al. (2025) The transcription factor Helios restrains the anti-tumor capacity of CD8<sup>+</sup> T cells. *Cell reports*, 44(12), 116680.

Lim J, et al. (2024) Type I interferon signaling regulates myeloid and T cell crosstalk in the glioblastoma tumor microenvironment. *iScience*, 27(9), 110810.

Sugimoto C, et al. (2024) Mice Generated with Induced Pluripotent Stem Cells Derived from Mucosal-Associated Invariant T Cells. *Biomedicines*, 12(1).

Simon M, et al. (2024) Single-cell chromatin accessibility and transposable element landscapes reveal shared features of tissue-residing immune cells. *Immunity*, 57(8), 1975.

Jaber Y, et al. (2024) Gingival spatial analysis reveals geographic immunological variation in a microbiota-dependent and -independent manner. NPJ biofilms and microbiomes, 10(1), 142.

Andrews LP, et al. (2024) LAG-3 and PD-1 synergize on CD8<sup>+</sup> T cells to drive T cell exhaustion and hinder autocrine IFN- $\gamma$ -dependent anti-tumor immunity. Cell, 187(16), 4355.

Pankhurst TE, et al. (2023) MAIT cells activate dendritic cells to promote TFH cell differentiation and induce humoral immunity. Cell reports, 42(4), 112310.

Frascoli M, et al. (2023) Skin  $\gamma\delta$  T cell inflammatory responses are hardwired in the thymus by oxysterol sensing via GPR183 and calibrated by dietary cholesterol. Immunity, 56(3), 562.

Sikder MAA, et al. (2023) Maternal diet modulates the infant microbiome and intestinal Flt3L necessary for dendritic cell development and immunity to respiratory infection. Immunity, 56(5), 1098.

Baran M, et al. (2023) PYHIN protein IFI207 regulates cytokine transcription and IRF7 and contributes to the establishment of K. pneumoniae infection. Cell reports, 42(4), 112341.

Pioli KT, et al. (2023) Thymus antibody-secreting cells possess an interferon gene signature and are preferentially expanded in young female mice. iScience, 26(3), 106223.