Resource Summary Report

Generated by RRID on Jul 31, 2026

Brilliant Violet 605™ anti-mouse TCR ? chain

RRID:AB_2629563
Type: Antibody

Proper Citation

BioLegend Cat# 109241, RRID:AB_2629563

Antibody Information

URL: 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

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 ? chain.

Data and Source Information

Source: Antibody Registry

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+ 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+ 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+ T cells to drive T cell exhaustion and hinder autocrine IFN-?-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 ?? 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.

Mandarano AH, et al. (2023) DRAK2 contributes to type 1 diabetes by negatively regulating IL-2 sensitivity to alter regulatory T cell development. Cell reports, 42(2), 112106.