

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Brilliant Violet 421(TM) anti-mouse TIGIT (Vstm3)

RRID:AB_2687311

Type: Antibody

Proper Citation

BioLegend Cat# 142111, RRID:AB_2687311

Antibody Information

URL: http://antibodyregistry.org/AB_2687311

Proper Citation: BioLegend Cat# 142111, RRID:AB_2687311

Target Antigen: TIGIT

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 421(TM) anti-mouse TIGIT (Vstm3)

Description: This monoclonal targets TIGIT

Target Organism: mouse

Clone ID: Clone 1G9

Antibody ID: AB_2687311

Vendor: BioLegend

Catalog Number: 142111

Record Creation Time: 20250819T231225+0000

Record Last Update: 20250820T043734+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421(TM) anti-mouse TIGIT (Vstm3).

No alerts have been found for Brilliant Violet 421(TM) anti-mouse TIGIT (Vstm3).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Xiao J, et al. (2025) Uridine depletion impairs CD8⁺ T cell antitumor activity through N-glycosylation. Cell metabolism.

Park R, et al. (2025) CD138 and APRIL regulate plasma cell survival, competition, and retention in the bone marrow niche. Cell reports, 44(8), 116123.

Humblin E, et al. (2025) The costimulatory molecule ICOS limits memory-like properties and function of exhausted PD-1⁺CD8⁺ T cells. Immunity, 58(8), 1966.

Nguyen DT, et al. (2025) Protein kinase C δ dictates tumor trajectory, cell plasticity, and immune surveillance in lung adenocarcinoma. Cell reports, 44(12), 116606.

Haniuda K, et al. (2025) Mucosal viral infection elicits long-lived IgA responses via type 1 follicular helper T cells. Cell, 188(24), 6774.

Zhang P, et al. (2025) Eomesodermin⁺ CD4⁺ T cells are critical for curative immunotherapy outcomes. Immunity, 58(12), 3024.

Peeters JGC, et al. (2024) Hyperactivating EZH2 to augment H3K27me3 levels in regulatory T cells enhances immune suppression by driving early effector differentiation. Cell reports, 43(9), 114724.

Lu J, et al. (2023) Five inhibitory receptors display distinct vesicular distributions in T cells. bioRxiv : the preprint server for biology.

Zhang Y, et al. (2023) CD39 inhibition and VISTA blockade may overcome radiotherapy resistance by targeting exhausted CD8⁺ T cells and immunosuppressive myeloid cells. Cell reports. Medicine, 4(8), 101151.

Lu J, et al. (2023) Five Inhibitory Receptors Display Distinct Vesicular Distributions in Murine T Cells. Cells, 12(21).

Miyai Y, et al. (2022) Meflin-positive cancer-associated fibroblasts enhance tumor response to immune checkpoint blockade. Life science alliance, 5(6).

Hinterbrandner M, et al. (2021) Tnfrsf4-expressing regulatory T cells promote immune escape of chronic myeloid leukemia stem cells. JCI insight, 6(23).

Marjanovic ND, et al. (2020) Emergence of a High-Plasticity Cell State during Lung Cancer Evolution. Cancer cell, 38(2), 229.