

Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

Brilliant Violet 785(TM) anti-mouse CD4

RRID:AB_11218992

Type: Antibody

Proper Citation

BioLegend Cat# 100551, RRID:AB_11218992

Antibody Information

URL: http://antibodyregistry.org/AB_11218992

Proper Citation: BioLegend Cat# 100551, RRID:AB_11218992

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 785(TM) anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Antibody ID: AB_11218992

Vendor: BioLegend

Catalog Number: 100551

Alternative Catalog Numbers: 100552

Record Creation Time: 20250820T001311+0000

Record Last Update: 20250820T074121+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 785(TM) anti-mouse CD4.

No alerts have been found for Brilliant Violet 785(TM) anti-mouse CD4.

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 [nidm-terms](#) .

Bilanovic J, et al. (2026) One-step generation of T-cell receptor knock-in mice in the TCR β locus. The EMBO journal, 45(12), 4321.

Zheng X, et al. (2026) Hyocholic acids shape neonatal immune tolerance and microbiota assembly. Cell metabolism.

Srinivasan T, et al. (2026) The gut microbiota directs vitamin A flux to regulate intestinal T cell development. Cell host & microbe.

Dhenni R, et al. (2025) Macrophages direct location-dependent recall of B cell memory to vaccination. Cell, 188(13), 3477.

Cabrera-Martinez B, et al. (2025) A hypomorphic Il2rb mutant mouse model recapitulates and reveals mechanisms of human T cell immune dysregulation in IL-2R β deficiency. Cell reports, 44(7), 115902.

Li X, et al. (2024) Deficiency of CBL and CBLB ubiquitin ligases leads to hyper T follicular helper cell responses and lupus by reducing BCL6 degradation. Immunity, 57(7), 1603.

Dean I, et al. (2024) Protocol for transcutaneous tumor photolabeling to track immune cells in vivo using Kaede mice. STAR protocols, 5(2), 102956.

Jakob MO, et al. (2023) ILC3s restrict the dissemination of intestinal bacteria to safeguard liver regeneration after surgery. Cell reports, 42(3), 112269.

Gelderblom M, et al. (2023) A preclinical randomized controlled multi-centre trial of anti-interleukin-17A treatment for acute ischaemic stroke. Brain communications, 5(2), fcad090.

Kiani Shabestari S, et al. (2022) Absence of microglia promotes diverse pathologies and early lethality in Alzheimer's disease mice. Cell reports, 39(11), 110961.

Desai P, et al. (2021) Enteric helminth coinfection enhances host susceptibility to neurotropic flaviviruses via a tuft cell-IL-4 receptor signaling axis. Cell, 184(5), 1214.

Yun H, et al. (2020) Production of the Cytokine VEGF-A by CD4+ T and Myeloid Cells Disrupts the Corneal Nerve Landscape and Promotes Herpes Stromal Keratitis. *Immunity*, 53(5), 1050.

Damgaard RB, et al. (2016) The Deubiquitinase OTULIN Is an Essential Negative Regulator of Inflammation and Autoimmunity. *Cell*, 166(5), 1215.