

# Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

## Brilliant Violet 421(TM) anti-mouse CD279 (PD-1)

RRID:AB\_2687080

Type: Antibody

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### Proper Citation

BioLegend Cat# 109121, RRID:AB\_2687080

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2687080](http://antibodyregistry.org/AB_2687080)

**Proper Citation:** BioLegend Cat# 109121, RRID:AB\_2687080

**Target Antigen:** CD279

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** Brilliant Violet 421(TM) anti-mouse CD279 (PD-1)

**Description:** This monoclonal targets CD279

**Target Organism:** mouse

**Clone ID:** Clone RMP1-30

**Antibody ID:** AB\_2687080

**Vendor:** BioLegend

**Catalog Number:** 109121

**Record Creation Time:** 20231110T034045+0000

**Record Last Update:** 20260901T045721+0000

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### Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421(TM) anti-mouse CD279 (PD-1).

No alerts have been found for Brilliant Violet 421(TM) anti-mouse CD279 (PD-1).

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Laaker C, et al. (2026) Cribriform plate microenvironment assembles a suppressive myeloid network during EAE-induced neuroinflammation. *eLife*, 15.

Lee D, et al. (2026) Interleukin-4-producing type 2 innate lymphoid cells in the lymph node promote proallergic Tfh13 cell differentiation. *Immunity*, 59(7), 1860.

Al Souz J, et al. (2026) Organ injury in systemic autoimmunity is mediated by stem-like CD8+ T cells arising from tissue-draining lymph nodes. *Immunity*, 59(6), 1667.

Chen D, et al. (2025) DNASE1L3-expressing dendritic cells promote CD8+ T cell function and anti-PD-(L)1 therapy efficacy by degrading neutrophil extracellular traps. *Cancer cell*, 43(9), 1758.

Cramer GM, et al. (2025) PD-1 Blockade Mitigates Surgery-Induced Immunosuppression and Increases the Efficacy of Photodynamic Therapy for Pleural Mesothelioma. *Cancer research communications*, 5(5), 841.

Cohen JA, et al. (2025) KMT2D coordinates antiviral CD4+ T cell responses through opposing effects on T follicular helper and cytotoxic gene expression. *Cell reports*, 44(6), 115775.

Skelly DA, et al. (2025) Mapping the genetic landscape establishing a tumor immune microenvironment favorable for anti-PD-1 response. *Cell reports*, 44(5), 115698.

Luo Y, et al. (2025) Single-cell clonal lineage tracing identifies the transcriptional program controlling the cell fate decisions by neoantigen-specific CD8 + T cells. *bioRxiv : the preprint server for biology*.

Ronchi F, et al. (2025) Intestinal low-abundant bacteria drive MyD88/Trif-dependent CD8+ T cell exhaustion in chronic myeloid leukemia. *Cell reports*, 45(1), 116753.

Isbell MG, et al. (2025) Making deep immunophenotyping accessible: the successful application of a guided 23-parameter mouse immunophenotyping panel package provided through a shared resource. *Frontiers in immunology*, 16, 1668405.

Wofford W, et al. (2024) Alterations of ceramide synthesis induce PD-L1 internalization and signaling to regulate tumor metastasis and immunotherapy response. *Cell reports*, 43(8), 114532.

Lee KJ, et al. (2024) IL-7-primed bystander CD8 tumor-infiltrating lymphocytes optimize the antitumor efficacy of T cell engager immunotherapy. *Cell reports. Medicine*, 5(5), 101567.

Li Y, et al. (2023) Aurora A kinase inhibition induces accumulation of SCLC tumor cells in mitosis with restored interferon signaling to increase response to PD-L1. *Cell reports. Medicine*, 4(11), 101282.

Fernández-García J, et al. (2022) CD8+ T cell metabolic rewiring defined by scRNA-seq identifies a critical role of ASNS expression dynamics in T cell differentiation. *Cell reports*, 41(7), 111639.

Reticker-Flynn NE, et al. (2022) Lymph node colonization induces tumor-immune tolerance to promote distant metastasis. *Cell*, 185(11), 1924.

Cui C, et al. (2021) Neoantigen-driven B cell and CD4 T follicular helper cell collaboration promotes anti-tumor CD8 T cell responses. *Cell*, 184(25), 6101.

Burger ML, et al. (2021) Antigen dominance hierarchies shape TCF1+ progenitor CD8 T cell phenotypes in tumors. *Cell*, 184(19), 4996.

Di Pilato M, et al. (2021) CXCR6 positions cytotoxic T cells to receive critical survival signals in the tumor microenvironment. *Cell*, 184(17), 4512.

Mitchell JE, et al. (2021) UTX promotes CD8+ T cell-mediated antiviral defenses but reduces T cell durability. *Cell reports*, 35(2), 108966.

Pingili AK, et al. (2021) Immune checkpoint blockade reprograms systemic immune landscape and tumor microenvironment in obesity-associated breast cancer. *Cell reports*, 35(12), 109285.