

# Resource Summary Report

Generated by NIF on Jul 29, 2026

## Brilliant Violet 605(TM) anti-mouse CD45

RRID:AB\_2562341

Type: Antibody

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### Proper Citation

BioLegend Cat# 103139, RRID:AB\_2562341

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2562341](http://antibodyregistry.org/AB_2562341)

**Proper Citation:** BioLegend Cat# 103139, RRID:AB\_2562341

**Target Antigen:** CD45

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** Brilliant Violet 605(TM) anti-mouse CD45

**Description:** This monoclonal targets CD45

**Target Organism:** mouse

**Clone ID:** Clone 30-F11

**Antibody ID:** AB\_2562341

**Vendor:** BioLegend

**Catalog Number:** 103139

**Alternative Catalog Numbers:** 103140, 103155

**Record Creation Time:** 20250820T031925+0000

**Record Last Update:** 20250820T155647+0000

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### Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 605(TM) anti-mouse CD45.

No alerts have been found for Brilliant Violet 605(TM) anti-mouse CD45.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Chen Z, et al. (2026) Fibroblast-derived alarmin promotes oral wound healing by activating regulatory T cells that relay pro-angiogenic and anti-inflammatory responses. Cell reports, 45(1), 116829.

Qiao S, et al. (2026) Microbiota utilization of intestinal amino acids modulates cancer progression and anticancer immunity. Cell host & microbe, 34(1), 18.

Sheban F, et al. (2025) ZEB2 is a master switch controlling the tumor-associated macrophage program. Cancer cell, 43(7), 1227.

Benamar M, et al. (2025) Notch3 destabilizes regulatory T cells to drive autoimmune neuroinflammation in multiple sclerosis. Immunity, 58(11), 2753.

Frey HC, et al. (2025) A membrane lipid signature unravels the dynamic landscape of group 1 innate lymphoid cells across the health-disease continuum. iScience, 28(3), 112043.

Molinari P, et al. (2025) Caloric restriction protects from acute and chronic kidney injury by inhibiting monocyte recruitment. iScience, 28(8), 113094.

Amon L, et al. (2025) GM-CSF and specific type 2 cytokines induce CD103+ and CD301b+ cell states in cDC1s and cDC2s. Cell reports, 44(12), 116589.

Jiang Y, et al. (2025) Phosphatase PHLPP1 is an alveolar-macrophage-intrinsic transcriptional checkpoint controlling pulmonary fibrosis. Cell reports, 44(3), 115399.

Jeelani I, et al. (2025) CCL26 and CXCL12 preserve insulin-sensitizing macrophages in subcutaneous adipose tissue in obesity. Cell reports, 44(10), 116450.

Valvo VM, et al. (2025) Olaparib and Radiotherapy Induce Type I Interferon- and CD8+ T Cell-Dependent Sensitization to Immunotherapy in Pancreatic Cancer. Molecular cancer therapeutics, 24(6), 843.

Jin WB, et al. (2025) Microbiota-derived bile acids antagonize the host androgen receptor and drive anti-tumor immunity. Cell, 188(9), 2336.

Saini M, et al. (2025) StealTHY: An immunogen-free CRISPR platform to expose concealed metastasis regulators in immunocompetent models. *Cell*, 188(26), 7591.

Ahn JH, et al. (2024) Intestinal *E. coli*-produced yersiniabactin promotes profibrotic macrophages in Crohn's disease. *Cell host & microbe*.

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

Loh L, et al. (2024) Unraveling the phenotypic states of human innate-like T cells: Comparative insights with conventional T cells and mouse models. *Cell reports*, 43(9), 114705.

Witt LT, et al. (2024) *Streptococcus agalactiae* and *Escherichia coli* induce distinct effector ?? T cell responses during neonatal sepsis. *iScience*, 27(5), 109669.

Soro-Arnáiz I, et al. (2024) *GLUD1* determines murine muscle stem cell fate by controlling mitochondrial glutamate levels. *Developmental cell*, 59(21), 2850.

Kazer SW, et al. (2024) Primary nasal influenza infection rewires tissue-scale memory response dynamics. *Immunity*, 57(8), 1955.

Zhou C, et al. (2024) Anti-tumor efficacy of HRS-4642 and its potential combination with proteasome inhibition in *KRAS* G12D-mutant cancer. *Cancer cell*, 42(7), 1286.

Eisa NH, et al. (2023) Enniatin A inhibits the chaperone Hsp90 and unleashes the immune system against triple-negative breast cancer. *iScience*, 26(12), 108308.