

# 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.