

# Resource Summary Report

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

## Brilliant Violet 711(TM) anti-mouse CD45

RRID:AB\_2564383

Type: Antibody

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### Proper Citation

BioLegend Cat# 103147, RRID:AB\_2564383

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2564383](http://antibodyregistry.org/AB_2564383)

**Proper Citation:** BioLegend Cat# 103147, RRID:AB\_2564383

**Target Antigen:** CD45

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** Brilliant Violet 711(TM) anti-mouse CD45

**Description:** This monoclonal targets CD45

**Target Organism:** mouse

**Clone ID:** Clone 30-F11

**Antibody ID:** AB\_2564383

**Vendor:** BioLegend

**Catalog Number:** 103147

**Record Creation Time:** 20250819T212037+0000

**Record Last Update:** 20250819T223842+0000

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### Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 711(TM) anti-mouse CD45.

No alerts have been found for Brilliant Violet 711(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 51 mentions in open access literature.

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

Lu T, et al. (2026) Dysplastic epithelial repair promotes the tissue residence of lymphocytes to inhibit alveolar regeneration post viral infection. *Cell stem cell*, 33(1), 108.

Song B, et al. (2025) Histotripsy-Focused Ultrasound Treatment Abrogates Tumor Hypoxia Responses and Stimulates Antitumor Immune Responses in Melanoma. *Molecular cancer therapeutics*, 24(7), 1088.

Hosking MP, et al. (2025) Preferential tumor targeting of HER2 by iPSC-derived CAR T cells engineered to overcome multiple barriers to solid tumor efficacy. *Cell stem cell*, 32(7), 1087.

Xu Z, et al. (2025) Scavenger Receptor CD36 in Tumor-Associated Macrophages Promotes Cancer Progression by Dampening Type-I IFN Signaling. *Cancer research*, 85(3), 462.

Gliniak CM, et al. (2025) FGF21 promotes longevity in diet-induced obesity through metabolic benefits independent of growth suppression. *Cell metabolism*, 37(7), 1547.

Hof A, et al. (2025) Myeloperoxidase impacts vascular function by altering perivascular adipocytes' secretome and phenotype in obesity. *Cell reports. Medicine*, 6(5), 102087.

Chen D, et al. (2025) Fibroblast bioelectric signaling drives hair growth. *Cell*.

Steinberg M, et al. (2025) Cannabidiol directly targets the immunosuppressive activity of regulatory myeloid cells in tumors. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 192, 118697.

Kesh K, et al. (2025) Targeting Triple-Negative Breast Cancer with Momordicine-I for Therapeutic Gain in Preclinical Models. *Cancers*, 17(14).

Van Roy Z, et al. (2025) Interferon-gamma receptor signaling regulates innate immunity during *Staphylococcus aureus* craniotomy infection. *Journal of neuroinflammation*, 22(1), 46.

Nambiar DK, et al. (2025) VISTA immune checkpoint blunts radiotherapy-induced antitumor immune response. *Cell reports*, 44(7), 115893.

Mirji G, et al. (2025) Aromatic microbial metabolite hippuric acid enhances inflammatory responses in macrophages via TLR-MyD88 signaling and lipid remodeling. *Cell reports*,

45(1), 116749.

Niu D, et al. (2025) Local delivery of IL-15 and anti-PD-L1 nanobody by in vitro-transcribed circILNb elicits superior antitumor immunity in cold tumors. *Cell reports. Medicine*, 6(10), 102413.

Fulton SL, et al. (2025) Major-depressive-disorder-associated dysregulation of ZBTB7A in orbitofrontal cortex promotes astrocyte-mediated stress susceptibility. *Neuron*, 113(16), 2656.

Zhou Y, et al. (2025) Glucose-1-phosphate promotes compartmentalization of glycogen with the pentose phosphate pathway in CD8+ memory T cells. *Molecular cell*, 85(13), 2535.

Barclay KM, et al. (2024) An inducible genetic tool to track and manipulate specific microglial states reveals their plasticity and roles in remyelination. *Immunity*, 57(6), 1394.

Pham TD, et al. (2024) Trametinib Potentiates Anti-PD-1 Efficacy in Tumors Established from Chemotherapy-Primed Pancreatic Cancer Cells. *Molecular cancer therapeutics*, 23(12), 1854.

Nie H, et al. (2024) Targeting branched N-glycans and fucosylation sensitizes ovarian tumors to immune checkpoint blockade. *Nature communications*, 15(1), 2853.

Chandra V, et al. (2024) Gut epithelial Interleukin-17 receptor A signaling can modulate distant tumors growth through microbial regulation. *Cancer cell*, 42(1), 85.

Milara J, et al. (2024) Targeting IL-11 to reduce fibrocyte circulation and lung accumulation in animal models of pulmonary hypertension-associated lung fibrosis. *British journal of pharmacology*, 181(16), 2991.