

Resource Summary Report

Generated by [kravitz2](#) on Aug 25, 2026

Brilliant Violet 605(TM) anti-mouse/human CD11b

RRID:AB_11126744

Type: Antibody

Proper Citation

BioLegend Cat# 101237, RRID:AB_11126744

Antibody Information

URL: http://antibodyregistry.org/AB_11126744

Proper Citation: BioLegend Cat# 101237, RRID:AB_11126744

Target Antigen: CD11b

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 605(TM) anti-mouse/human CD11b

Description: This monoclonal targets CD11b

Target Organism: cynomolgus, mouse, rhesus, human

Clone ID: Clone M1/70

Antibody ID: AB_11126744

Vendor: BioLegend

Catalog Number: 101237

Alternative Catalog Numbers: 101257

Record Creation Time: 20250819T222104+0000

Record Last Update: 20250820T015437+0000

Ratings and Alerts

- Used for flow cytometry assay by the Human Islet Research Network community.
Contact(s): [Seung Kim](#), [Everett Meyer](#) - Human Islets Research Network
<https://hirnetwork.org/>

No alerts have been found for Brilliant Violet 605(TM) anti-mouse/human CD11b.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 63 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Wang J, et al. (2026) EBV infection and HLA-DR15 jointly drive multiple sclerosis by myelin peptide presentation. Cell.

Mukherjee S, et al. (2026) A single Citrobacter rodentium infection in Pink1 knockout and wild-type mice leads to regional blood-brain-barrier perturbation and limited microglial activation without dopamine neuron axon terminal loss. PLoS pathogens, 22(6), e1014315.

Zitti B, et al. (2026) Positioning and reversible suppression of CCR7+ dendritic cells in perivascular tumor niches shape cancer immunity. Immunity, 59(1), 161.

Petry P, et al. (2025) Early microglia progenitors colonize the embryonic CNS via integrin-mediated migration from the pial surface. Developmental cell.

Zhang Z, et al. (2025) Cardiolipin-mimic lipid nanoparticles without antibody modification delivered senolytic in vivo CAR-T therapy for inflamm-aging. Cell reports. Medicine, 6(7), 102209.

Köhne M, et al. (2025) Satb1 directs the differentiation of TH17 cells through suppression of IL-2 expression. Cell reports, 44(7), 115866.

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

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

Golomb SM, et al. (2025) Temporal dynamics of immune cell transcriptomics in brain metastasis progression influenced by gut microbiome dysbiosis. Cell reports, 44(3), 115356.

Robles-Vera I, et al. (2025) Microbiota translocation following intestinal barrier disruption promotes Mincle-mediated training of myeloid progenitors in the bone marrow. Immunity, 58(2), 381.

Henriques-Oliveira L, et al. (2025) Anchored screening identifies transcription factor blueprints underlying dendritic cell diversity and subset-specific anti-tumor immunity. *Immunity*.

Mattavelli G, et al. (2025) A TLR4-dependent fibroblast-monocyte axis in tumor-draining lymph nodes contributes to metastasis in triple-negative breast cancer. *Immunity*.

Dalangood S, et al. (2025) Cancer-associated adipocytes mediate CD8⁺T cell dysfunction via FGF21-driven lipolysis. *Cell reports*, 44(11), 116526.

Zhang J, et al. (2025) Bacterial pneumonia induces senescence in resident alveolar macrophages that are outcompeted by monocytes. *Cell reports*, 44(5), 115571.

Knights AJ, et al. (2025) Synovial macrophage diversity and activation of M-CSF signaling in post-traumatic osteoarthritis. *eLife*, 12.

Look T, et al. (2025) CAR T cells, CAR NK cells, and CAR macrophages exhibit distinct traits in glioma models but are similarly enhanced when combined with cytokines. *Cell reports. Medicine*, 6(2), 101931.

Katkeviciute E, et al. (2025) Bacteria-derived 3-hydroxydodecanoic acid induces a potent anti-tumor immune response via the GPR84 receptor. *Cell reports*, 44(3), 115357.

Mattingly CLR, et al. (2025) Human lung CD8⁺ tissue-resident memory T cell-derived interferon- γ orchestrates subset-specific antiviral programming in airway epithelial cells. *Immunity*, 58(12), 3006.

Hu C, et al. (2024) Tumor-secreted FGF21 acts as an immune suppressor by rewiring cholesterol metabolism of CD8⁺T cells. *Cell metabolism*, 36(3), 630.

Kirschenbaum D, et al. (2024) Time-resolved single-cell transcriptomics defines immune trajectories in glioblastoma. *Cell*, 187(1), 149.