

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

Brilliant Violet 510(TM) anti-mouse/human CD11b

RRID:AB_2561390

Type: Antibody

Proper Citation

BioLegend Cat# 101245, RRID:AB_2561390

Antibody Information

URL: http://antibodyregistry.org/AB_2561390

Proper Citation: BioLegend Cat# 101245, RRID:AB_2561390

Target Antigen: CD11b

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, ICC

Antibody Name: Brilliant Violet 510(TM) anti-mouse/human CD11b

Description: This monoclonal targets CD11b

Target Organism: cynomolgus, mouse, rhesus, human

Clone ID: Clone M1/70

Antibody ID: AB_2561390

Vendor: BioLegend

Catalog Number: 101245

Alternative Catalog Numbers: 101263

Record Creation Time: 20231110T035230+0000

Record Last Update: 20260830T034434+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 510(TM) anti-mouse/human CD11b.

No alerts have been found for Brilliant Violet 510(TM) anti-mouse/human CD11b.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 62 mentions in open access literature.

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

Liu M, et al. (2026) Proteomics landscape of early T-cell precursor acute lymphoblastic leukemia reveals deficient oxidative phosphorylation signatures. Cell reports. Medicine, 7(2), 102586.

Thurimella K, et al. (2026) Identifying microbial protease allergens through protein language model-guided homology. Cell systems, 17(3), 101510.

Diaz-Jimenez D, et al. (2026) Timing of Glucocorticoid Treatment Dictates Glucocorticoid Receptor Actions Modulating the NLRP3-Inflammasome Activation in Macrophages. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(3), e71510.

Marco S, et al. (2026) Radiotherapy synergizes with an inducible AAV-based immunotherapy platform to program local and systemic antitumor immunity. Cancer cell, 44(5), 995.

Li J, et al. (2026) Single-cell screens identify ADAM12 as a fibroblast checkpoint impeding anti-tumor immunity. Cancer cell.

de Lima J, et al. (2026) HIF-1 α + CD4 $^{+}$ T cells coordinate a tissue-resident immune cell network in the lung. Immunity, 59(4), 1092.

Hahm ER, et al. (2026) Oral Administration of Withaferin A Increases Infiltration of CD4 $^{+}$ Helper T Cells in a Mouse Model of Mammary Tumor. Journal of cancer prevention, 31(2), 91.

Mace JW, et al. (2026) Autoimmune neuroinflammation leads to neuronal death via MIF nuclease-mediated parthanatos. Nature neuroscience, 29(4), 796.

Wang S, et al. (2026) ENPP1 buffers extracellular cGAMP in brown adipose tissue to limit insulin resistance. bioRxiv : the preprint server for biology.

Gong F, et al. (2026) Trans-presentation of IL-6R α by macrophages drives colorectal cancer development. Cell reports, 45(7), 117549.

Rohm TV, et al. (2025) Adipose Tissue Macrophages in Metabolic Dysfunction-Associated Steatohepatitis Secrete Extracellular Vesicles That Activate Liver Fibrosis in Obese Male Mice. *Gastroenterology*, 169(4), 691.

Braun LM, et al. (2025) Adiponectin reduces immune checkpoint inhibitor-induced inflammation without blocking anti-tumor immunity. *Cancer cell*, 43(2), 269.

Wang L, et al. (2025) Semaglutide reprograms macrophages via the GLP-1R/PPARG/ACSL1 pathway to suppress papillary thyroid carcinoma growth. *The Journal of clinical endocrinology and metabolism*.

Zhang X, et al. (2025) Mechanical Force-Induced cGAS Activation in Carcinoma Cells Facilitates Splenocytes into Liver to Drive Metastasis. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(8), e2401127.

Li Q, et al. (2025) Stromal Cell-Mast Cell Communication Orchestrates Anti-Viral Immunity in the Meninges. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e14842.

Lecointre M, et al. (2025) HPV16-Expressing Tumors Release Multiple IL1 Ligands to Orchestrate Systemic Immunosuppression Whose Disruption Enables Efficacy of a Therapeutic Vaccine. *Cancer discovery*, 15(7), 1458.

León S, et al. (2025) Protocol to develop a 3D mouse autologous lung tumor-immune spheroid co-culture model to advance radiotherapy-based treatments. *STAR protocols*, 6(3), 104021.

Hoffmann J, et al. (2025) Steatohepatitis-induced vascular niche alterations promote melanoma metastasis. *Cancer & metabolism*, 13(1), 5.

Qian J, et al. (2025) A CXCR4 partial agonist improves immunotherapy by targeting immunosuppressive neutrophils and cancer-driven granulopoiesis. *Cancer cell*, 43(8), 1512.

Praiss AM, et al. (2025) Evolution of tumor stress response during cytoreductive surgery for ovarian cancer. *iScience*, 28(5), 112317.