

Resource Summary Report

Generated by [RRID](#) on Jul 28, 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: 20250820T055801+0000

Record Last Update: 20250820T225644+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 53 mentions in open access literature.

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

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

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.

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.

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.

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.

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.

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

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

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

Song H, et al. (2025) Targeting tumor monocyte-intrinsic PD-L1 by rewiring STING signaling and enhancing STING agonist therapy. *Cancer cell*, 43(3), 503.

Wang Y, et al. (2025) Mutation of SMARCA4 Induces Cancer Cell-Intrinsic Defects in the Enhancer Landscape and Resistance to Immunotherapy. *Cancer research*, 85(11), 1997.

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

Deka A, et al. (2024) Non-canonical NF- κ B signaling limits the tolerogenic β -catenin-Raldh2 axis in gut dendritic cells to exacerbate intestinal pathologies. *The EMBO journal*, 43(18), 3895.

Walker GT, et al. (2024) CCL28 modulates neutrophil responses during infection with mucosal pathogens. *eLife*, 13.

Kumar S, et al. (2024) Uncovering therapeutic targets for macrophage-mediated T cell suppression and PD-L1 therapy sensitization. *Cell reports. Medicine*, 5(9), 101698.

Hou Y, et al. (2024) Downregulation of nutrition sensor GCN2 in macrophages contributes to poor wound healing in diabetes. *Cell reports*, 43(1), 113658.

Mattar P, et al. (2024) Insulin and leptin oscillations license food-entrained browning and metabolic flexibility. *Cell reports*, 43(7), 114390.

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