

# Resource Summary Report

Generated by SPARC SAWG on Sep 2, 2026

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

RRID:AB\_2629529

Type: Antibody

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### Proper Citation

BioLegend Cat# 101263, RRID:AB\_2629529

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2629529](http://antibodyregistry.org/AB_2629529)

**Proper Citation:** BioLegend Cat# 101263, RRID:AB\_2629529

**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\_2629529

**Vendor:** BioLegend

**Catalog Number:** 101263

**Alternative Catalog Numbers:** 101245

**Record Creation Time:** 20231110T034746+0000

**Record Last Update:** 20260829T135954+0000

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### 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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 59 mentions in open access literature.

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

Gao Y, et al. (2026) Meningeal blood vessel blockage enhances anti-glioblastoma immunity. *Cell*, 189(5), 1305.

Pham LK, et al. (2026) NRF2-mediated inhibition of alveolar macrophage MHC II expression during *Mycobacterium tuberculosis* infection. *Cell reports*, 45(6), 117397.

Xu Y, et al. (2026) A dysregulated hepcidin-iron axis impairs antiviral immunity and induces lethal liver pathology in neonates. *Immunity*, 59(1), 79.

Yao B, et al. (2026) Divergent tumor immunity determined by bacteria-cancer cell engagement. *Cell*, 189(6), 1748.

Deng J, et al. (2026) Macrophage MR1 antigen presentation promotes MAIT cell immunity and lung microbiota modulation. *Science (New York, N.Y.)*, 391(6782), eadr6322.

Hu Z, et al. (2026) Extracellular ATP-P2RY2 signaling drives intratumoral prostaglandin E2 accumulation and adaptive resistance to immunotherapy in solid tumors. *Immunity*, 59(7), 1928.

Caldwell BA, et al. (2026) Docosahexaenoic acid supplementation inhibits monocyte exhaustion memory formation during sepsis. *Inflammation research : official journal of the European Histamine Research Society ... [et al.]*, 75(1), 40.

Lin Y, et al. (2026) Robust transcriptomic hallmarks targeting intratumor heterogeneity in intrahepatic cholangiocarcinoma. *Cell reports. Medicine*, 7(4), 102708.

Wang Y, et al. (2025) Cognate interaction-dependent pathogenicity of meningeal B cells drives neuroinflammation relapse. *Immunity*, 58(9), 2256.

Wang Y, et al. (2025) Synergically enhanced anti-tumor immunity of in vivo panCAR by circRNA vaccine boosting. *Cell reports. Medicine*, 6(8), 102250.

Costa-Pereira S, et al. (2025) Regulatory T cells suppress GM-CSF-producing T helper cells via IL-2 modulation to restrain immunopathology. *Cell reports*, 44(5), 115642.

Nonaka D, et al. (2025) Fibroblast-derived CSF1 maintains colonization of gut mucosal macrophage to resist bacterial infection. *Mucosal immunology*, 18(5), 1113.

Matsuda Y, et al. (2025) Adrenomedullin-RAMP2 System Modulates Inflammation and Tissue Repair in Experimental Autoimmune Uveitis Via T-Cell and M2 Macrophage Regulation. *Investigative ophthalmology & visual science*, 66(6), 12.

Sun J, et al. (2025) Blocking WNT7A Enhances MHC-I Antigen Presentation and Enhances the Effectiveness of Immune Checkpoint Blockade Therapy. *Cancer immunology research*, 13(3), 400.

Caldwell BA, et al. (2025) Ticam2 ablation facilitates monocyte exhaustion recovery after sepsis. *Scientific reports*, 15(1), 2059.

Xue C, et al. (2025) Extracellular vesicles from obese visceral adipose promote pancreatic cancer development and resistance to immune checkpoint blockade therapy. *Cell metabolism*, 37(12), 2381.

Sun Z, et al. (2025) Intestinal-region-specific functions of AHR in intrinsic enteric neurons during infections. *Cell reports*, 44(4), 115524.

Lehtonen H, et al. (2025) Early precursor-derived pituitary gland tissue-resident macrophages play a pivotal role in modulating hormonal balance. *Cell reports*, 44(2), 115227.

Zhang YP, et al. (2025) PAI-1-driven SFRP2<sup>high</sup> cancer-associated fibroblasts hijack the abscopal effect of radioimmunotherapy. *Cancer cell*, 43(5), 856.

Zhong J, et al. (2024) Distinct roles of TREM2 in central nervous system cancers and peripheral cancers. *Cancer cell*, 42(6), 968.