

Resource Summary Report

Generated by SPARC SAWG on Sep 5, 2026

Brilliant Violet 421(TM) anti-mouse/human CD11b

RRID:AB_10897942

Type: Antibody

Proper Citation

BioLegend Cat# 101235, RRID:AB_10897942

Antibody Information

URL: http://antibodyregistry.org/AB_10897942

Proper Citation: BioLegend Cat# 101235, RRID:AB_10897942

Target Antigen: CD11b

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 421(TM) anti-mouse/human CD11b

Description: This monoclonal targets CD11b

Target Organism: cynomolgus, mouse, rhesus, human

Clone ID: Clone M1/70

Antibody ID: AB_10897942

Vendor: BioLegend

Catalog Number: 101235

Alternative Catalog Numbers: 101251, 101236

Record Creation Time: 20231110T063632+0000

Record Last Update: 20260901T064350+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421(TM) anti-mouse/human CD11b.

No alerts have been found for Brilliant Violet 421(TM) anti-mouse/human CD11b.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 49 mentions in open access literature.

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

Li X, et al. (2026) FBXO3-mediated DUSP9 ubiquitination promotes leukemia stem cell maintenance and tyrosine kinase inhibitor resistance in chronic myeloid leukemia. Cell reports. Medicine, 7(3), 102686.

Chauhan S, et al. (2026) Histone H3.3 ensures cell proliferation and genomic stability during myeloid cell development. iScience, 29(7), 116501.

Zuo B, et al. (2026) Combination of exosome vaccines, lenvatinib, and anti-PD-1 eradicates tumor in autochthonous hepatocellular carcinoma mice. Cell reports. Medicine, 102933.

Scott-Solomon E, et al. (2026) Stress-induced sympathetic hyperactivation drives hair follicle necrosis to trigger autoimmunity. Cell, 189(1), 252.

Raguin J, et al. (2026) Human cerebral organoids with microglia and vasculature model glioma stem cell interactions and radiotherapy response. Cell reports methods, 6(6), 101425.

Zhu B, et al. (2025) Protocol for in vitro phagocytosis assay for primary mouse microglia and human embryonic stem cell-derived microglia. STAR protocols, 6(4), 104219.

Kulig P, et al. (2025) Efficacy of IDOR-1117-2520, a novel, orally available CCR6 antagonist in preclinical models of skin dermatitis. British journal of pharmacology, 182(15), 3452.

Gober JG, et al. (2025) MHC2-SCALE enhances identification of immunogenic neoantigens. iScience, 28(4), 112212.

Ward S, et al. (2025) The IL-33/ST2 axis and tissue Treg maintain epithelial homeostasis and restrain cancer development in the skin. Cell reports, 44(6), 115837.

Wu XQ, et al. (2025) Intestinal Akkermansia muciniphila complements the efficacy of PD1 therapy in MAFLD-related hepatocellular carcinoma. Cell reports. Medicine, 6(1), 101900.

Xiao J, et al. (2025) Uridine depletion impairs CD8⁺ T cell antitumor activity through N-glycosylation. *Cell metabolism*.

Su Y, et al. (2025) Loss of SETD8 Impairs Mitochondrial Homeostasis to Suppress Leukemia Stem Cell Function in t(8;21) Acute Myeloid Leukemia. *Cancer research*, 85(21), 4122.

Xu W, et al. (2025) NFE2-driven neutrophil polarization promotes pancreatic cancer liver metastasis progression. *Cell reports*, 44(2), 115226.

Hamagami N, et al. (2025) Microglial plasticity governed by state-specific enhancer landscapes. *bioRxiv : the preprint server for biology*.

Tang Q, et al. (2025) Gut bacterial L-lysine alters metabolism and histone methylation to drive dendritic cell tolerance. *Cell reports*, 44(1), 115125.

Pan S, et al. (2025) Decoding the ontogeny of myeloid lineage diversity by cross-species and developmental analyses of hematopoietic progenitor atlases. *Cell reports*, 44(3), 115406.

Billipp TE, et al. (2024) Tuft cell-derived acetylcholine promotes epithelial chloride secretion and intestinal helminth clearance. *Immunity*, 57(6), 1243.

Xu H, et al. (2024) The choroid plexus synergizes with immune cells during neuroinflammation. *Cell*, 187(18), 4946.

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.

Lad M, et al. (2024) Glioblastoma induces the recruitment and differentiation of dendritic-like "hybrid" neutrophils from skull bone marrow. *Cancer cell*, 42(9), 1549.