

Resource Summary Report

Generated by [RRID](#) on Jul 28, 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: 20250820T050558+0000

Record Last Update: 20250820T204656+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 44 mentions in open access literature.

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

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

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.

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.

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

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

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

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.

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*.

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

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.

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.

Rosmus DD, et al. (2024) Redefining the ontogeny of hyalocytes as yolk sac-derived tissue-resident macrophages of the vitreous body. *Journal of neuroinflammation*, 21(1), 168.

Di Martino E, et al. (2024) Inflammatory, metabolic, and sex-dependent gene-regulatory dynamics of microglia and macrophages in neonatal hippocampus after hypoxia-ischemia. *iScience*, 27(4), 109346.

Ahn M, et al. (2023) Bat ASC2 suppresses inflammasomes and ameliorates inflammatory diseases. *Cell*, 186(10), 2144.

Rajendran S, et al. (2023) Single-cell RNA sequencing reveals immunosuppressive myeloid cell diversity during malignant progression in a murine model of glioma. *Cell reports*, 42(3), 112197.

Martin MD, et al. (2023) CD115+ monocytes protect microbially experienced mice against *E. coli*-induced sepsis. *Cell reports*, 42(11).