

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

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

RRID:AB_2562904

Type: Antibody

Proper Citation

BioLegend Cat# 101251, RRID:AB_2562904

Antibody Information

URL: http://antibodyregistry.org/AB_2562904

Proper Citation: BioLegend Cat# 101251, RRID:AB_2562904

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_2562904

Vendor: BioLegend

Catalog Number: 101251

Alternative Catalog Numbers: 101235, 101236

Record Creation Time: 20250820T055500+0000

Record Last Update: 20250820T224824+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 31 mentions in open access literature.

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

Álvarez Casiani RI, et al. (2025) Monocyte profiles and their association with depression severity and functional disability. *Journal of psychiatric research*, 184, 272.

Fatkhullina AR, et al. (2025) Medullary stromal cells define small intestinal lymph node identity in humans and mice. *Cell reports*, 44(10), 116441.

Pizzo ME, et al. (2025) Transferrin receptor-targeted anti-amyloid antibody enhances brain delivery and mitigates ARIA. *Science (New York, N.Y.)*, 389(6760), eads3204.

Bastos J, et al. (2025) Monocytes can efficiently replace all brain macrophages and fetal liver monocytes can generate bona fide SALL1+ microglia. *Immunity*, 58(5), 1269.

Okoye GD, et al. (2025) Single-cell map of innate-like lymphocyte response to *Francisella tularensis* infection reveals interleukin-17-dependent protection by MAIT cells. *iScience*, 28(3), 111810.

Zhang W, et al. (2024) Local adaptive immunity in atherosclerosis with T cell activation by aortic dendritic cells accelerates pathogenesis. *iScience*, 27(11), 111144.

Imai T, et al. (2024) The RIPK1 death domain restrains ZBP1- and TRIF-mediated cell death and inflammation. *Immunity*, 57(7), 1497.

Daray FM, et al. (2024) Decoding the inflammatory signature of the major depressive episode: insights from peripheral immunophenotyping in active and remitted condition, a case-control study. *Translational psychiatry*, 14(1), 254.

Maimaiti M, et al. (2024) Blocking cGAS-STING pathway promotes post-stroke functional recovery in an extended treatment window via facilitating remyelination. *Med (New York, N.Y.)*, 5(6), 622.

Horikawa I, et al. (2024) Chronic stress alters lipid mediator profiles associated with immune-related gene expressions and cell compositions in mouse bone marrow and spleen. *Journal of pharmacological sciences*, 154(4), 279.

- Sun J, et al. (2024) Metabolic regulator LKB1 controls adipose tissue ILC2 PD-1 expression and mitochondrial homeostasis to prevent insulin resistance. *Immunity*, 57(6), 1289.
- Nagata M, et al. (2024) A shorter splicing isoform antagonizes ZBP1 to modulate cell death and inflammatory responses. *The EMBO journal*, 43(21), 5037.
- Kim CY, et al. (2024) Protocol for inducing monomicrobial sepsis in mice with uropathogenic *E. coli*. *STAR protocols*, 5(3), 103206.
- Álvarez-Prado ÁF, et al. (2023) Immunogenomic analysis of human brain metastases reveals diverse immune landscapes across genetically distinct tumors. *Cell reports. Medicine*, 4(1), 100900.
- Voisin B, et al. (2023) Macrophage-mediated extracellular matrix remodeling controls host *Staphylococcus aureus* susceptibility in the skin. *Immunity*, 56(7), 1561.
- Maas RR, et al. (2023) The local microenvironment drives activation of neutrophils in human brain tumors. *Cell*, 186(21), 4546.
- Wu Z, et al. (2023) Pericyte stem cells induce Ly6G⁺ cell accumulation and immunotherapy resistance in pancreatic cancer. *EMBO reports*, 24(4), e56524.
- Fanti AK, et al. (2023) Flt3- and Tie2-Cre tracing identifies regeneration in sepsis from multipotent progenitors but not hematopoietic stem cells. *Cell stem cell*, 30(2), 207.
- Jolly A, et al. (2022) CycleFlow simultaneously quantifies cell-cycle phase lengths and quiescence in vivo. *Cell reports methods*, 2(10), 100315.
- Cosentino K, et al. (2022) The interplay between BAX and BAK tunes apoptotic pore growth to control mitochondrial-DNA-mediated inflammation. *Molecular cell*, 82(5), 933.