

Resource Summary Report

Generated by ASWG on Aug 15, 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 36 mentions in open access literature.

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

Zhou L, et al. (2026) Enucleated cells with Nectin-1 overexpression capture HSV-1 and promote viral elimination for herpes simplex encephalitis therapy. Cell reports, 45(3), 117099.

Adler D, et al. (2026) Activity-dependent protein synthesis in neurons requires microglial-metabolic coupling. Cell metabolism.

Zhang Y, et al. (2026) Preoperative exercise induces anti-tumor Kupffer cells to prevent surgical stress-promoted colorectal cancer liver metastasis. Cell reports. Medicine, 7(2), 102589.

Budinich KA, et al. (2026) RNA reinforces condensate nucleation on chromatin to amplify oncogenic transcription. Molecular cell, 86(14), 2777.

Distéfano-Gagné F, et al. (2026) Multi-tier signaling and chromatin remodeling coordinate microglia inflammatory states and activities associated with demyelination. Cell reports, 45(7), 117569.

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.

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.

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.

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.

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.

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

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.

Nagata M, et al. (2024) A shorter splicing isoform antagonizes ZBP1 to modulate cell death and inflammatory responses. *The EMBO journal*, 43(21), 5037.

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.

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.

Maas RR, et al. (2023) The local microenvironment drives activation of neutrophils in human brain tumors. *Cell*, 186(21), 4546.