

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

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: 20241115T134538+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 [FDI Lab - SciCrunch.org](#).

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

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.

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.

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.

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).

Wu Q, et al. (2023) Renal control of life-threatening malarial anemia. *Cell reports*, 42(2), 112057.

Liu J, et al. (2023) Glycosyltransferase Ext11 promotes CCR7-mediated dendritic cell migration to restrain infection and autoimmunity. *Cell reports*, 42(1), 111991.

Brioschi S, et al. (2023) A Cre-deleter specific for embryo-derived brain macrophages

reveals distinct features of microglia and border macrophages. *Immunity*, 56(5), 1027.

Liu S, et al. (2023) A tissue injury sensing and repair pathway distinct from host pathogen defense. *Cell*, 186(10), 2127.

Canella A, et al. (2023) Genetically modified IL2 bone-marrow-derived myeloid cells reprogram the glioma immunosuppressive tumor microenvironment. *Cell reports*, 42(8), 112891.

Silva R, et al. (2022) CD206+/MHCII- macrophage accumulation at nerve injury site correlates with attenuation of allodynia in TASTPM mouse model of Alzheimer's disease. *Brain, behavior, & immunity - health*, 26, 100548.

Kersten K, et al. (2022) Spatiotemporal co-dependency between macrophages and exhausted CD8+ T cells in cancer. *Cancer cell*, 40(6), 624.

Kiani Shabestari S, et al. (2022) Absence of microglia promotes diverse pathologies and early lethality in Alzheimer's disease mice. *Cell reports*, 39(11), 110961.

Bae S, et al. (2021) MYC-mediated early glycolysis negatively regulates proinflammatory responses by controlling IRF4 in inflammatory macrophages. *Cell reports*, 35(11), 109264.

Purvis GSD, et al. (2020) Inhibition of Bruton's TK regulates macrophage NF- κ B and NLRP3 inflammasome activation in metabolic inflammation. *British journal of pharmacology*, 177(19), 4416.

Tummers B, et al. (2020) Caspase-8-Dependent Inflammatory Responses Are Controlled by Its Adaptor, FADD, and Necroptosis. *Immunity*, 52(6), 994.

Wu J, et al. (2020) Requisite Chromatin Remodeling for Myeloid and Erythroid Lineage Differentiation from Erythromyeloid Progenitors. *Cell reports*, 33(7), 108395.

Xu G, et al. (2020) Bisphosphoglycerate Mutase Deficiency Protects against Cerebral Malaria and Severe Malaria-Induced Anemia. *Cell reports*, 32(12), 108170.