

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 21, 2024

Brilliant Violet 605(TM) anti-mouse/human CD11b

RRID:AB_2565431

Type: Antibody

Proper Citation

(BioLegend Cat# 101257 (also 101237), RRID:AB_2565431)

Antibody Information

URL: http://antibodyregistry.org/AB_2565431

Proper Citation: (BioLegend Cat# 101257 (also 101237), RRID:AB_2565431)

Target Antigen: CD11b

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 605(TM) anti-mouse/human CD11b

Description: This monoclonal targets CD11b

Target Organism: cynomolgus, human, mouse, rhesus

Clone ID: Clone M1/70

Antibody ID: AB_2565431

Vendor: BioLegend

Catalog Number: 101257 (also 101237)

Alternative Catalog Numbers: 101237

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 605(TM) anti-mouse/human CD11b.

No alerts have been found for Brilliant Violet 605(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 [FDI Lab - SciCrunch.org](#).

Wienke J, et al. (2024) Integrative analysis of neuroblastoma by single-cell RNA sequencing identifies the NECTIN2-TIGIT axis as a target for immunotherapy. *Cancer cell*, 42(2), 283.

Jia D, et al. (2024) Microbial metabolite enhances immunotherapy efficacy by modulating T cell stemness in pan-cancer. *Cell*, 187(7), 1651.

Koller BH, et al. (2024) Species-specific NLRP3 regulation and its role in CNS autoinflammatory diseases. *Cell reports*, 43(3), 113852.

Wu M, et al. (2024) Gut complement induced by the microbiota combats pathogens and spares commensals. *Cell*, 187(4), 897.

Gurram RK, et al. (2023) Crosstalk between ILC2s and Th2 cells varies among mouse models. *Cell reports*, 42(2), 112073.

Finlay CM, et al. (2023) T helper 2 cells control monocyte to tissue-resident macrophage differentiation during nematode infection of the pleural cavity. *Immunity*, 56(5), 1064.

Qi L, et al. (2023) VEGFR-3 signaling restrains the neuron-macrophage crosstalk during neurotropic viral infection. *Cell reports*, 42(5), 112489.

An H, et al. (2023) Identification of the mouse Kupffer cell receptors recognizing pneumococcal capsules by affinity screening. *STAR protocols*, 4(1), 102065.

Bayerl F, et al. (2023) Tumor-derived prostaglandin E2 programs cDC1 dysfunction to impair intratumoral orchestration of anti-cancer T cell responses. *Immunity*, 56(6), 1341.

Enamorado M, et al. (2023) Immunity to the microbiota promotes sensory neuron regeneration. *Cell*, 186(3), 607.

Ferrer M, et al. (2023) Ketogenic diet promotes tumor ferroptosis but induces relative corticosterone deficiency that accelerates cachexia. *Cell metabolism*, 35(7), 1147.

Meiser P, et al. (2023) A distinct stimulatory cDC1 subpopulation amplifies CD8+ T cell responses in tumors for protective anti-cancer immunity. *Cancer cell*, 41(8), 1498.

Pelgrom LR, et al. (2023) QUAS-R: An SLC1A5-mediated glutamine uptake assay with single-cell resolution reveals metabolic heterogeneity with immune populations. *Cell reports*, 42(8), 112828.

Song R, et al. (2023) The dual lipid desaturase/hydroxylase DEGS2 controls phytoceramide levels necessary to counter intestinal inflammation. *Disease models & mechanisms*, 16(9).

West EE, et al. (2023) Loss of CD4+ T cell-intrinsic arginase 1 accelerates Th1 response kinetics and reduces lung pathology during influenza infection. *Immunity*, 56(9), 2036.

Aktories P, et al. (2022) An improved organotypic cell culture system to study tissue-resident macrophages ex vivo. *Cell reports methods*, 2(8), 100260.

Zeng Q, et al. (2022) Cbl-b restrains priming of pathogenic Th17 cells via the inhibition of IL-6 production by macrophages. *iScience*, 25(10), 105151.

Ronning KE, et al. (2022) Structural and functional distinctions of co-resident microglia and monocyte-derived macrophages after retinal degeneration. *Journal of neuroinflammation*, 19(1), 299.

Steffen J, et al. (2022) Type 1 innate lymphoid cells regulate the onset of *Toxoplasma gondii*-induced neuroinflammation. *Cell reports*, 38(13), 110564.

McCauley KE, et al. (2022) Heritable vaginal bacteria influence immune tolerance and relate to early-life markers of allergic sensitization in infancy. *Cell reports. Medicine*, 3(8), 100713.