

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 29, 2025

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

RRID:AB_11126744

Type: Antibody

Proper Citation

(BioLegend Cat# 101237, RRID:AB_11126744)

Antibody Information

URL: http://antibodyregistry.org/AB_11126744

Proper Citation: (BioLegend Cat# 101237, RRID:AB_11126744)

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, mouse, rhesus, human

Clone ID: Clone M1/70

Antibody ID: AB_11126744

Vendor: BioLegend

Catalog Number: 101237

Alternative Catalog Numbers: 101257

Record Creation Time: 20231110T060823+0000

Record Last Update: 20241114T232644+0000

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 45 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Hu C, et al. (2024) Tumor-secreted FGF21 acts as an immune suppressor by rewiring cholesterol metabolism of CD8+T cells. *Cell metabolism*, 36(3), 630.

Kirschenbaum D, et al. (2024) Time-resolved single-cell transcriptomics defines immune trajectories in glioblastoma. *Cell*, 187(1), 149.

Sikder MAA, et al. (2023) Maternal diet modulates the infant microbiome and intestinal Flt3L necessary for dendritic cell development and immunity to respiratory infection. *Immunity*, 56(5), 1098.

Si Y, et al. (2023) Lung cDC1 and cDC2 dendritic cells priming naive CD8+ T cells in situ prior to migration to draining lymph nodes. *Cell reports*, 42(10), 113299.

Siewiera J, et al. (2023) Circumvention of luteolysis reveals parturition pathways in mice dependent upon innate type 2 immunity. *Immunity*, 56(3), 606.

Patterson MT, et al. (2023) Tumor-specific CD4 T cells instruct monocyte fate in pancreatic ductal adenocarcinoma. *Cell reports*, 42(7), 112732.

Kersten K, et al. (2023) Uptake of tumor-derived microparticles induces metabolic reprogramming of macrophages in the early metastatic lung. *Cell reports*, 42(6), 112582.

Lupo KB, et al. (2023) TIGIT contributes to the regulation of 4-1BB and does not define NK cell dysfunction in glioblastoma. *iScience*, 26(12), 108353.

Chen H, et al. (2023) Urea cycle activation triggered by host-microbiota maladaptation driving colorectal tumorigenesis. *Cell metabolism*, 35(4), 651.

Sun G, et al. (2023) Rebalancing liver-infiltrating CCR3+ and CD206+ monocytes improves diet-induced NAFLD. *Cell reports*, 42(7), 112753.

Evans F, et al. (2023) CD300f immune receptor contributes to healthy aging by regulating inflammaging, metabolism, and cognitive decline. *Cell reports*, 42(10), 113269.

Brandi P, et al. (2022) Trained immunity induction by the inactivated mucosal vaccine MV130 protects against experimental viral respiratory infections. *Cell reports*, 38(1), 110184.

Deak P, et al. (2022) Isolating and targeting a highly active, stochastic dendritic cell subpopulation for improved immune responses. *Cell reports*, 41(5), 111563.

Alam A, et al. (2022) Fungal mycobiome drives IL-33 secretion and type 2 immunity in pancreatic cancer. *Cancer cell*, 40(2), 153.

Chang CA, et al. (2022) Curative islet and hematopoietic cell transplantation in diabetic mice without toxic bone marrow conditioning. *Cell reports*, 41(6), 111615.

Gawish R, et al. (2022) ACE2 is the critical in vivo receptor for SARS-CoV-2 in a novel COVID-19 mouse model with TNF- and IFN γ -driven immunopathology. *eLife*, 11.

Mirlekar B, et al. (2022) Balance between immunoregulatory B cells and plasma cells drives pancreatic tumor immunity. *Cell reports. Medicine*, 3(9), 100744.

Yang D, et al. (2022) Nociceptor neurons direct goblet cells via a CGRP-RAMP1 axis to drive mucus production and gut barrier protection. *Cell*, 185(22), 4190.

Rivera CA, et al. (2022) Epithelial colonization by gut dendritic cells promotes their functional diversification. *Immunity*, 55(1), 129.

Elia I, et al. (2022) Tumor cells dictate anti-tumor immune responses by altering pyruvate utilization and succinate signaling in CD8+ T cells. *Cell metabolism*, 34(8), 1137.