

Resource Summary Report

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Rat Anti-CD11b Monoclonal Antibody, PerCP-Cy5.5 Conjugated, Clone M1/70

RRID:AB_394002

Type: Antibody

Proper Citation

BD Biosciences Cat# 550993, RRID:AB_394002

Antibody Information

URL: http://antibodyregistry.org/AB_394002

Proper Citation: BD Biosciences Cat# 550993, RRID:AB_394002

Target Antigen: CD11b (Mac-1)

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: Rat Anti-CD11b Monoclonal Antibody, PerCP-Cy5.5 Conjugated, Clone M1/70

Description: This monoclonal targets CD11b (Mac-1)

Target Organism: mouse, human

Clone ID: M1/70

Antibody ID: AB_394002

Vendor: BD Biosciences

Catalog Number: 550993

Record Creation Time: 20250819T234742+0000

Record Last Update: 20250820T062630+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD11b Monoclonal Antibody, PerCP-Cy5.5 Conjugated, Clone M1/70.

No alerts have been found for Rat Anti-CD11b Monoclonal Antibody, PerCP-Cy5.5 Conjugated, Clone M1/70.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 47 mentions in open access literature.

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

Brown JA, et al. (2026) Gut microbiota promotes immune tolerance at the maternal-fetal interface. *Cell*, 189(1), 196.

Xue H, et al. (2026) Circadian disruption exacerbates MASH by reducing *Akkermansia muciniphila* via the FXR-CYP7A1-bile acid axis. *iScience*, 29(4), 115397.

Garg SK, et al. (2026) Potentiating dendritic cell immunotherapy by interrupting the Semaphorin 4D-induced immune-suppressive barrier. *Cell reports*, 45(3), 117050.

Yao L, et al. (2026) Nilotinib induces immunogenic cuproptosis to potentiate cancer immunotherapy. *Cell reports. Medicine*, 102928.

Zheng Z, et al. (2025) Gut Microbiota-Mediated Bile Acid Metabolism Regulates Colorectal Cancer Liver Metastasis by Altering Neutrophil Recruitment. *Cancer research*, 85(21), 4081.

Zhou J, et al. (2025) C5aR1+ microglia exacerbate neuroinflammation and cerebral edema in acute brain injury. *Neuron*.

Kim U, et al. (2025) Protocol to detect neutral lipids with BODIPY staining in myeloid-derived suppressor cells in mouse mammary tumors. *STAR protocols*, 6(1), 103485.

Xu Y, et al. (2025) Sensitized mast cells for targeted drug delivery and augmented cancer immunotherapy. *Cell*.

Corriveau J, et al. (2025) Inhibition of PAK2 in endothelial cells suppresses tumor angiogenesis and promotes immune sensitization through CXCL10. *Cell reports*, 45(1), 116840.

Li Y, et al. (2024) Multimodal immune phenotyping reveals microbial-T cell interactions that shape pancreatic cancer. *Cell reports. Medicine*, 5(2), 101397.

Wang B, et al. (2024) Intermittent clearance of p21-highly-expressing cells extends lifespan and confers sustained benefits to health and physical function. *Cell metabolism*,

36(8), 1795.

Kim U, et al. (2024) ?Np63 regulates MDSC survival and metabolism in triple-negative breast cancer. *iScience*, 27(4), 109366.

Liu L, et al. (2024) Oncolytic bacteria VNP20009 expressing IFN γ inhibits melanoma progression by remodeling the tumor microenvironment. *iScience*, 27(4), 109372.

Setia M, et al. (2023) Flow cytometry protocol to quantify immune cells in the separated epithelium and stroma of herpes simplex virus-1-infected mouse cornea. *STAR protocols*, 4(1), 102056.

Cros A, et al. (2023) Homeostatic activation of aryl hydrocarbon receptor by dietary ligands dampens cutaneous allergic responses by controlling Langerhans cells migration. *eLife*, 12.

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.

Liu L, et al. (2023) Exercise reprograms the inflammatory landscape of multiple stem cell compartments during mammalian aging. *Cell stem cell*, 30(5), 689.

Wang B, et al. (2023) Sepsis induces non-classic innate immune memory in granulocytes. *Cell reports*, 42(9), 113044.

Montgomery AB, et al. (2023) Tissue-resident, extravascular Ly6c⁺ monocytes are critical for inflammation in the synovium. *Cell reports*, 42(5), 112513.

Miyamoto K, et al. (2023) The gut microbiota-induced kynurenic acid recruits GPR35-positive macrophages to promote experimental encephalitis. *Cell reports*, 42(8), 113005.