

# Resource Summary Report

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## Rat Anti-CD11b Monoclonal Antibody, Phycoerythrin Conjugated, Clone M1/70

RRID:AB\_396680

Type: Antibody

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### Proper Citation

(BD Biosciences Cat# 557397, RRID:AB\_396680)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_396680](http://antibodyregistry.org/AB_396680)

**Proper Citation:** (BD Biosciences Cat# 557397, RRID:AB\_396680)

**Target Antigen:** CD11b

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Flow cytometry

**Antibody Name:** Rat Anti-CD11b Monoclonal Antibody, Phycoerythrin Conjugated, Clone M1/70

**Description:** This monoclonal targets CD11b

**Target Organism:** mouse, human

**Clone ID:** M1/70

**Defining Citation:** [PMID:17111361](https://pubmed.ncbi.nlm.nih.gov/17111361/)

**Antibody ID:** AB\_396680

**Vendor:** BD Biosciences

**Catalog Number:** 557397

**Record Creation Time:** 20231110T044620+0000

**Record Last Update:** 20241115T011730+0000

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## Ratings and Alerts

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

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

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Simkin J, et al. (2024) Tissue-resident macrophages specifically express Lactotransferrin and Vegfc during ear pinna regeneration in spiny mice. *Developmental cell*, 59(4), 496.

Onder L, et al. (2024) Fibroblastic reticular cells generate protective intratumoral T cell environments in lung cancer. *Cell*.

Yang Y, et al. (2024) Dietary vitamin B3 supplementation induces the antitumor immunity against liver cancer via biased GPR109A signaling in myeloid cell. *Cell reports. Medicine*, 5(9), 101718.

Wang M, et al. (2023) Genotoxic aldehyde stress prematurely ages hematopoietic stem cells in a p53-driven manner. *Molecular cell*, 83(14), 2417.

Tsukui D, et al. (2023) GM-CSF receptor/SYK/JNK/FOXO1/CD11c signaling promotes atherosclerosis. *iScience*, 26(8), 107293.

Hirschhorn D, et al. (2023) T cell immunotherapies engage neutrophils to eliminate tumor antigen escape variants. *Cell*, 186(7), 1432.

Abdelwahab T, et al. (2023) Cytotoxic CNS-associated T cells drive axon degeneration by targeting perturbed oligodendrocytes in PLP1 mutant mice. *iScience*, 26(5), 106698.

Liu H, et al. (2023) Neutralizing IL-8 potentiates immune checkpoint blockade efficacy for glioma. *Cancer cell*, 41(4), 693.

Becker HJ, et al. (2023) Controlling genetic heterogeneity in gene-edited hematopoietic stem cells by single-cell expansion. *Cell stem cell*, 30(7), 987.

Paterson N, et al. (2022) Macrophage network dynamics depend on haptokinesis for optimal local surveillance. *eLife*, 11.

Nagao JI, et al. (2022) Pathobiont-responsive Th17 cells in gut-mouth axis provoke inflammatory oral disease and are modulated by intestinal microbiome. *Cell reports*, 40(10), 111314.

Wenzek C, et al. (2022) CD47 restricts antiviral function of alveolar macrophages during influenza virus infection. *iScience*, 25(12), 105540.

Qin Y, et al. (2021) m6A mRNA methylation-directed myeloid cell activation controls progression of NAFLD and obesity. *Cell reports*, 37(6), 109968.

Somebang K, et al. (2021) CCR2 deficiency alters activation of microglia subsets in traumatic brain injury. *Cell reports*, 36(12), 109727.

Benraiss A, et al. (2021) Cell-intrinsic glial pathology is conserved across human and murine models of Huntington's disease. *Cell reports*, 36(1), 109308.

DeVito NC, et al. (2021) Pharmacological Wnt ligand inhibition overcomes key tumor-mediated resistance pathways to anti-PD-1 immunotherapy. *Cell reports*, 35(5), 109071.

Blake SJ, et al. (2021) The immunotoxicity, but not anti-tumor efficacy, of anti-CD40 and anti-CD137 immunotherapies is dependent on the gut microbiota. *Cell reports. Medicine*, 2(12), 100464.

Sun L, et al. (2021) Activating a collaborative innate-adaptive immune response to control metastasis. *Cancer cell*, 39(10), 1361.

Xirouchaki CE, et al. (2021) Skeletal muscle NOX4 is required for adaptive responses that prevent insulin resistance. *Science advances*, 7(51), eabl4988.

Nita A, et al. (2021) The autism-related protein CHD8 contributes to the stemness and differentiation of mouse hematopoietic stem cells. *Cell reports*, 34(5), 108688.