

Resource Summary Report

Generated by [ASWG](#) on Aug 30, 2026

CD11b

RRID:AB_394774

Type: Antibody

Proper Citation

BD Biosciences Cat# 553310, RRID:AB_394774

Antibody Information

URL: http://antibodyregistry.org/AB_394774

Proper Citation: BD Biosciences Cat# 553310, RRID:AB_394774

Target Antigen: CD11b

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD11b

Description: This monoclonal targets CD11b

Target Organism: mouse

Antibody ID: AB_394774

Vendor: BD Biosciences

Catalog Number: 553310

Record Creation Time: 20250819T225153+0000

Record Last Update: 20250820T033233+0000

Ratings and Alerts

No rating or validation information has been found for CD11b.

No alerts have been found for CD11b.

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 [ASWG](#).

Liu J, et al. (2026) Extracellular GPX4 impairs antitumor immunity via dendritic ZP3 receptors. Cell.

Bisoendial R, et al. (2026) Intravenous injection of lipid-free apolipoprotein A-I dampens inflammation by reprogramming macrophage function. Cell reports, 45(4), 117212.

Bartram J, et al. (2026) Activation of a branched-chain amino acid rheostat restores replication-dependent hematopoietic stem cell fitness. Cell stem cell.

Battle-Recoder C, et al. (2026) DNA polymerase γ protects macrophages from DNA damage produced during pro-inflammatory activation. Cell reports, 45(3), 117081.

Kamimae-Lanning AN, et al. (2026) Metabolite-induced DNA damage drives stochastic stem cell loss and clonal hematopoiesis. Cell stem cell, 33(4), 642.

Herbath M, et al. (2026) VEGFR Blockade Reduces Mycobacterium tuberculosis-Induced Lung Pathology in Immunocompromised Mice. Cells, 15(7).

Wu R, et al. (2025) Circulating FABP5 released by dying macrophages function as a DAMP to exacerbate septic inflammation. Cell reports, 44(11), 116497.

Hesterberg RS, et al. (2025) Lymphoma accelerates T cell and tissue aging. Cancer cell.

Deng C, et al. (2024) Extracellular-vesicle-packaged S100A11 from osteosarcoma cells mediates lung premetastatic niche formation by recruiting gMDSCs. Cell reports, 43(2), 113751.

Bessell E, et al. (2024) Stromal cell and B cell dialogue potentiates IL-33-enriched lymphoid niches to support eosinophil recruitment and function during type 2 immunity. Cell reports, 43(8), 114620.

Chan C, et al. (2024) Enhancing Neutrophil Cytotoxicity of a Panel of Clinical EGFR Antibodies by Fc Engineering to IgA3.0. Molecular cancer therapeutics, 23(9), 1317.

Chandra V, et al. (2024) Gut epithelial Interleukin-17 receptor A signaling can modulate distant tumors growth through microbial regulation. Cancer cell, 42(1), 85.

Litvinchuk A, et al. (2024) Amelioration of Tau and ApoE4-linked glial lipid accumulation and neurodegeneration with an LXR agonist. Neuron, 112(3), 384.

Chen X, et al. (2023) Pregnancy-induced changes to the gut microbiota drive macrophage pyroptosis and exacerbate septic inflammation. *Immunity*, 56(2), 336.

Nguyen TTT, et al. (2023) Tryptophan-dependent and -independent secretions of tryptophanyl- tRNA synthetase mediate innate inflammatory responses. *Cell reports*, 42(1), 111905.

Banerjee K, et al. (2023) VEGF-C-expressing TAMs rewire the metastatic fate of breast cancer cells. *Cell reports*, 42(12), 113507.

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

Miyauchi S, et al. (2023) Reprogramming of tumor-associated macrophages via NEDD4-mediated CSF1R degradation by targeting USP18. *Cell reports*, 42(12), 113560.

Yao Y, et al. (2022) Mucus sialylation determines intestinal host-commensal homeostasis. *Cell*, 185(7), 1172.

Hägglöf T, et al. (2022) T-bet⁺ B cells accumulate in adipose tissue and exacerbate metabolic disorder during obesity. *Cell metabolism*, 34(8), 1121.