

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

CD11b

RRID:AB_394773

Type: Antibody

Proper Citation

BD Biosciences Cat# 553309, RRID:AB_394773

Antibody Information

URL: http://antibodyregistry.org/AB_394773

Proper Citation: BD Biosciences Cat# 553309, RRID:AB_394773

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_394773

Vendor: BD Biosciences

Catalog Number: 553309

Record Creation Time: 20250820T061028+0000

Record Last Update: 20250820T232735+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 53 mentions in open access literature.

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

Das M, et al. (2025) *S. aureus* exposure during cutaneous antigen sensitization causes basophil- and interleukin-4-dependent exaggerated food anaphylaxis. *Immunity*.

Zanotti F, et al. (2025) Protocol for the isolation and characterization of murine hematopoietic stem and progenitor cell-derived extracellular vesicles. *STAR protocols*, 6(2), 103778.

Ziogas A, et al. (2025) Long-term histone lactylation connects metabolic and epigenetic rewiring in innate immune memory. *Cell*, 188(11), 2992.

Bayet M, et al. (2025) Modeling the PAX5P80R Mutation Reveals HIF2?? Activation as a Common Feature and Therapeutic Target in B-cell Acute Lymphoblastic Leukemia. *Cancer research*, 85(15), 2820.

Robles-Vera I, et al. (2025) Microbiota translocation following intestinal barrier disruption promotes Mincle-mediated training of myeloid progenitors in the bone marrow. *Immunity*, 58(2), 381.

Liu F, et al. (2025) TAF1 is required for fetal but not adult hematopoiesis in mice. *Developmental cell*.

Sievert EP, et al. (2025) Distinct plasmablast developmental intermediates produce graded expression of IgM secretory transcripts. *Cell reports*, 44(2), 115283.

Libri AB, et al. (2025) Senataxin promotes recombination fidelity during antigen receptor gene diversification. *Science signaling*, 18(908), eadv8801.

Xu P, et al. (2025) Impaired hematopoiesis and embryonic lethality at midgestation of mice lacking both lipid transfer proteins VPS13A and VPS13C. *PLoS biology*, 23(9), e3003393.

Zhou YD, et al. (2025) T cell fate is dictated by different antigen presenting cells in response to dietary versus gut epithelial self-antigen. *bioRxiv : the preprint server for biology*.

Janssen E, et al. (2025) DOCK8 in T cells promotes Th17 and Treg cell functionality to restrain mucosal mast cells and limit susceptibility to oral anaphylaxis. *Immunity*, 58(7), 1794.

Wang YX, et al. (2025) Multiomic profiling reveals that prostaglandin E2 reverses aged muscle stem cell dysfunction, leading to increased regeneration and strength. *Cell stem cell*, 32(7), 1154.

Pioli KT, et al. (2025) Lymphopoiesis is attenuated upon hepatocyte-specific deletion of the cytochrome c oxidase assembly factor Sco1. *iScience*, 28(4), 112151.

Dhenni R, et al. (2025) Macrophages direct location-dependent recall of B cell memory to vaccination. *Cell*, 188(13), 3477.

Xu P, et al. (2025) Defect in hematopoiesis and embryonic lethality at midgestation of Vps13a/Vps13c double knockout mice. *bioRxiv : the preprint server for biology*.

Kucinski I, et al. (2024) A time- and single-cell-resolved model of murine bone marrow hematopoiesis. *Cell stem cell*, 31(2), 244.

Bonora M, et al. (2024) A mitochondrial NADPH-cholesterol axis regulates extracellular vesicle biogenesis to support hematopoietic stem cell fate. *Cell stem cell*, 31(3), 359.

Priam P, et al. (2024) Smarcd1 subunit of SWI/SNF chromatin-remodeling complexes collaborates with E2a to promote murine lymphoid specification. *Developmental cell*, 59(23), 3124.

Tsai PJ, et al. (2024) PTEN acts as a crucial inflammatory checkpoint controlling TLR9/IL-6 axis in B cells. *iScience*, 27(7), 110388.

Dawson A, et al. (2024) Leukaemia exposure alters the transcriptional profile and function of BCR::ABL1 negative macrophages in the bone marrow niche. *Nature communications*, 15(1), 1090.