

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

CD11b

RRID:AB_394491

Type: Antibody

Proper Citation

(BD Biosciences Cat# 552850, RRID:AB_394491)

Antibody Information

URL: http://antibodyregistry.org/AB_394491

Proper Citation: (BD Biosciences Cat# 552850, RRID:AB_394491)

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_394491

Vendor: BD Biosciences

Catalog Number: 552850

Record Creation Time: 20260610T070407+0000

Record Last Update: 20260610T070407+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 61 mentions in open access literature.

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

Chen J, et al. (2026) Transcription factor Maf promotes expression of repressor Zeb2 to drive microglia development in primitive hematopoiesis. *Immunity*, 59(1), 48.

Farías MA, et al. (2026) Preclinical characterisation of the protective capacity of an anti-nucleoprotein hRSV monoclonal antibody. *EBioMedicine*, 123, 106104.

Bregante J, et al. (2026) Human liver cholangiocyte organoids capture the heterogeneity of in vivo liver ductal epithelium. *Cell reports*, 45(1), 116786.

Kim HC, et al. (2025) Gut microbiota dysbiosis induced by brain tumors modulates the efficacy of immunotherapy. *Cell reports*, 44(7), 115825.

Ruggiero FM, et al. (2025) Surface emergence and persistence of MHC class I free heavy chains. *The Journal of biological chemistry*, 301(11), 110799.

Vicario R, et al. (2025) Role of clonal inflammatory microglia in histiocytosis-associated neurodegeneration. *Neuron*, 113(7), 1065.

Zhang J, et al. (2025) Bacterial pneumonia induces senescence in resident alveolar macrophages that are outcompeted by monocytes. *Cell reports*, 44(5), 115571.

Zou M, et al. (2025) Genome-wide transcriptome analysis and drug target discovery reveal key genes and pathways in thyroid cancer metastasis. *Frontiers in endocrinology*, 16, 1514264.

Mauvais FX, et al. (2025) Metallophilic marginal zone macrophages cross-prime CD8+ T cell-mediated protective immunity against blood-borne tumors. *Immunity*, 58(4), 843.

Moraitis I, et al. (2025) Mucosal Macrophages Govern Intestinal Regeneration in Response to Injury. *Gastroenterology*, 169(1), 119.

Yang X, et al. (2025) Nociceptor-derived CGRP enhances dermal type I conventional dendritic cell function to drive autoreactive CD8+ T cell responses in vitiligo. *Immunity*, 58(8), 2086.

Li Z, et al. (2024) Therapeutic application of human type 2 innate lymphoid cells via induction of granzyme B-mediated tumor cell death. *Cell*, 187(3), 624.

Monticelli S, et al. (2024) Early-wave macrophages control late hematopoiesis. *Developmental cell*, 59(10), 1284.

Ligeron C, et al. (2024) CLEC-1 Restrains Acute Inflammatory Response and Recruitment of Neutrophils following Tissue Injury. *Journal of immunology (Baltimore, Md. : 1950)*, 212(7), 1178.

Jin H, et al. (2024) YTHDF2 favors protumoral macrophage polarization and implies poor survival outcomes in triple negative breast cancer. *iScience*, 27(6), 109902.

Hernández-Barranco A, et al. (2024) NGFR regulates stromal cell activation in germinal centers. *Cell reports*, 43(2), 113705.

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

Wilson NG, et al. (2023) The gut microbiota of people with asthma influences lung inflammation in gnotobiotic mice. *iScience*, 26(2), 105991.

Rwandamuriye FX, et al. (2023) A surgically optimized intraoperative poly(I:C)-releasing hydrogel prevents cancer recurrence. *Cell reports. Medicine*, 4(7), 101113.

Blomberg OS, et al. (2023) IL-5-producing CD4⁺ T cells and eosinophils cooperate to enhance response to immune checkpoint blockade in breast cancer. *Cancer cell*, 41(1), 106.