

Resource Summary Report

Generated by SPARC SAWG on Sep 5, 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: 20260828T180258+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 68 mentions in open access literature.

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

Gong F, et al. (2026) Trans-presentation of IL-6R α by macrophages drives colorectal cancer development. Cell reports, 45(7), 117549.

Tong T, et al. (2026) Microbial metabolite FAD mobilizes adipocyte lipid remodeling to enhance cancer immunotherapy efficacy. Cell metabolism, 38(3), 565.

Meng X, et al. (2026) Long-term vagus nerve stimulation synergized with rapamycin elicits neuroimmune modulation to prolong skin allograft survival. iScience, 29(4), 115189.

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

Vanneste D, et al. (2026) MafB is a conserved transcriptional regulator of macrophage development and functional identity across tissues and species. Immunity, 59(3), 559.

Delivanoglou N, et al. (2026) Sex-specific APOE4-dependent innate immunity regulates meningeal lymphatics, brain lipids, neuroinflammation, and cognition. Neuron, 114(14), 2566.

Lei J, et al. (2026) Metabolically engineered probiotic OMVs as nanovaccine mediating sequential immunomodulation for chronic bone infection immunotherapy. Cell reports. Medicine, 7(6), 102842.

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.

Heras-Murillo I, et al. (2026) Mitochondrial metabolism regulates the immunogenic responsiveness of dendritic cells. Cell metabolism, 38(6), 1097.

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

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.

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

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

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.

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

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.