

Resource Summary Report

Generated by [dkNET](#) on Sep 18, 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 [dkNET](#).

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.