

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 2, 2025

CD45R/B220

RRID:AB_394458

Type: Antibody

Proper Citation

(BD Biosciences Cat# 552772, RRID:AB_394458)

Antibody Information

URL: http://antibodyregistry.org/AB_394458

Proper Citation: (BD Biosciences Cat# 552772, RRID:AB_394458)

Target Antigen: CD45R (B220)

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD45R/B220

Description: This monoclonal targets CD45R (B220)

Target Organism: mouse, human

Antibody ID: AB_394458

Vendor: BD Biosciences

Catalog Number: 552772

Record Creation Time: 20231110T081126+0000

Record Last Update: 20241115T082454+0000

Ratings and Alerts

No rating or validation information has been found for CD45R/B220.

No alerts have been found for CD45R/B220.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 40 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Bierling TEH, et al. (2024) GLUT1-mediated glucose import in B cells is critical for anaplerotic balance and humoral immunity. *Cell reports*, 43(2), 113739.

Xu T, et al. (2024) Notch2 signaling governs activated B cells to form memory B cells. *Cell reports*, 43(7), 114454.

Zohaib Ali M, et al. (2024) A modified BPaL regimen for tuberculosis treatment replaces linezolid with inhaled spectinomides. *eLife*, 13.

Brown N, et al. (2023) Spi1 R235C point mutation confers hypersensitivity to radiation-induced acute myeloid leukemia in mice. *iScience*, 26(9), 107530.

Ramirez-Valdez RA, et al. (2023) Intravenous heterologous prime-boost vaccination activates innate and adaptive immunity to promote tumor regression. *Cell reports*, 42(6), 112599.

Li J, et al. (2023) Cooperative super-enhancer inactivation caused by heterozygous loss of CREBBP and KMT2D skews B cell fate decisions and yields T cell-depleted lymphomas. *bioRxiv : the preprint server for biology*.

Leca J, et al. (2023) IDH2 and TET2 mutations synergize to modulate T Follicular Helper cell functional interaction with the AITL microenvironment. *Cancer cell*, 41(2), 323.

Venturutti L, et al. (2023) An Aged/Autoimmune B-cell Program Defines the Early Transformation of Extranodal Lymphomas. *Cancer discovery*, 13(1), 216.

Luo H, et al. (2023) SON is an essential m6A target for hematopoietic stem cell fate. *Cell stem cell*, 30(12), 1658.

Houde N, et al. (2022) Fine-tuning of MEK signaling is pivotal for limiting B and T cell activation. *Cell reports*, 38(2), 110223.

Hu Q, et al. (2022) Diverging regulation of Bach2 protein and RNA expression determine cell

fate in early B cell response. *Cell reports*, 40(1), 111035.

Baharom F, et al. (2022) Systemic vaccination induces CD8+ T cells and remodels the tumor microenvironment. *Cell*, 185(23), 4317.

Dutt TS, et al. (2022) Mucosal exposure to non-tuberculous mycobacteria elicits B cell-mediated immunity against pulmonary tuberculosis. *Cell reports*, 41(11), 111783.

Öz HH, et al. (2022) Recruited monocytes/macrophages drive pulmonary neutrophilic inflammation and irreversible lung tissue remodeling in cystic fibrosis. *Cell reports*, 41(11), 111797.

Lynn MA, et al. (2021) The composition of the gut microbiota following early-life antibiotic exposure affects host health and longevity in later life. *Cell reports*, 36(8), 109564.

Zhang Y, et al. (2021) Mds1CreERT2, an inducible Cre allele specific to adult-repopulating hematopoietic stem cells. *Cell reports*, 36(7), 109562.

Calvo-Barreiro L, et al. (2021) Selected Clostridia Strains from The Human Microbiota and their Metabolite, Butyrate, Improve Experimental Autoimmune Encephalomyelitis. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 18(2), 920.

Nascimento DC, et al. (2021) Sepsis expands a CD39+ plasmablast population that promotes immunosuppression via adenosine-mediated inhibition of macrophage antimicrobial activity. *Immunity*, 54(9), 2024.

Azzoni E, et al. (2021) The onset of circulation triggers a metabolic switch required for endothelial to hematopoietic transition. *Cell reports*, 37(11), 110103.

Devi S, et al. (2021) Adrenergic regulation of the vasculature impairs leukocyte interstitial migration and suppresses immune responses. *Immunity*, 54(6), 1219.