

Resource Summary Report

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CD45R/B220

RRID:AB_394619

Type: Antibody

Proper Citation

(BD Biosciences Cat# 553089, RRID:AB_394619)

Antibody Information

URL: http://antibodyregistry.org/AB_394619

Proper Citation: (BD Biosciences Cat# 553089, RRID:AB_394619)

Target Antigen: CD45R / B220

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD45R/B220

Description: This monoclonal targets CD45R / B220

Target Organism: mouse, human

Clone ID: RA3-6B2

Antibody ID: AB_394619

Vendor: BD Biosciences

Catalog Number: 553089

Record Creation Time: 20241016T222858+0000

Record Last Update: 20241016T225744+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 21 mentions in open access literature.

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

Zou Z, et al. (2024) ATF4-SLC7A11-GSH axis mediates the acquisition of immunosuppressive properties by activated CD4⁺ T cells in low arginine condition. *Cell reports*, 43(4), 113995.

Gitlin AD, et al. (2024) N4BP1 coordinates ubiquitin-dependent crosstalk within the I κ B kinase family to limit Toll-like receptor signaling and inflammation. *Immunity*, 57(5), 973.

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

Henry CM, et al. (2023) SYK ubiquitination by CBL E3 ligases restrains cross-presentation of dead cell-associated antigens by type 1 dendritic cells. *Cell reports*, 42(12), 113506.

Marx AF, et al. (2023) The alarmin interleukin-33 promotes the expansion and preserves the stemness of Tcf-1⁺ CD8⁺ T cells in chronic viral infection. *Immunity*, 56(4), 813.

Wu Y, et al. (2023) MicroRNA-223 limits murine hemogenic endothelial cell specification and myelopoiesis. *Developmental cell*, 58(14), 1237.

Frede A, et al. (2022) B cell expansion hinders the stroma-epithelium regenerative cross talk during mucosal healing. *Immunity*, 55(12), 2336.

Xu Y, et al. (2022) Tumor-infiltrated activated B cells suppress liver metastasis of colorectal cancers. *Cell reports*, 40(9), 111295.

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.

Mifflin KA, et al. (2022) Spinal Cord Injury Impairs Lung Immunity in Mice. *Journal of immunology (Baltimore, Md. : 1950)*, 209(1), 157.

Klaus A, et al. (2022) CLASP2 safeguards hematopoietic stem cell properties during mouse and fish development. *Cell reports*, 39(11), 110957.

Brown J, et al. (2022) Microbiota-mediated skewing of tryptophan catabolism modulates CD4+ T cells in lupus-prone mice. *iScience*, 25(5), 104241.

Ertuna YI, et al. (2021) Vectored antibody gene delivery restores host B and T cell control of persistent viral infection. *Cell reports*, 37(9), 110061.

Shen HM, et al. (2021) Loop extrusion promotes an alternate pathway for isotype switching. *Cell reports*, 37(8), 110059.

Martínez-Blanco Á, et al. (2021) CD38 Deficiency Ameliorates Chronic Graft-Versus-Host Disease Murine Lupus via a B-Cell-Dependent Mechanism. *Frontiers in immunology*, 12, 713697.

Yamamoto K, et al. (2021) The TLR4-TRIF-type 1 IFN-IFN- γ pathway is crucial for gastric MALT lymphoma formation after *Helicobacter suis* infection. *iScience*, 24(9), 103064.

New JS, et al. (2020) Neonatal Exposure to Commensal-Bacteria-Derived Antigens Directs Polysaccharide-Specific B-1 B Cell Repertoire Development. *Immunity*, 53(1), 172.

Fallet B, et al. (2020) Chronic Viral Infection Promotes Efficient Germinal Center B Cell Responses. *Cell reports*, 30(4), 1013.

Chao CC, et al. (2019) Metabolic Control of Astrocyte Pathogenic Activity via cPLA2-MAVS. *Cell*, 179(7), 1483.

Fan KQ, et al. (2019) Stress-Induced Metabolic Disorder in Peripheral CD4+ T Cells Leads to Anxiety-like Behavior. *Cell*, 179(4), 864.