# **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on May 28, 2025

### 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?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.

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.

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

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

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.

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.

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

Yamamoto K, et al. (2021) The TLR4-TRIF-type 1 IFN-IFN-? 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.