

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 17, 2025

CD45.2

RRID:AB_394528

Type: Antibody

Proper Citation

(BD Biosciences Cat# 552950, RRID:AB_394528)

Antibody Information

URL: http://antibodyregistry.org/AB_394528

Proper Citation: (BD Biosciences Cat# 552950, RRID:AB_394528)

Target Antigen: CD45.2

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD45.2

Description: This monoclonal targets CD45.2

Target Organism: mouse

Antibody ID: AB_394528

Vendor: BD Biosciences

Catalog Number: 552950

Record Creation Time: 20241016T231246+0000

Record Last Update: 20241017T001526+0000

Ratings and Alerts

No rating or validation information has been found for CD45.2.

No alerts have been found for CD45.2.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Pietrasanta C, et al. (2024) Prenatal antibiotics reduce breast milk IgA and induce dysbiosis in mouse offspring, increasing neonatal susceptibility to bacterial sepsis. *Cell host & microbe*, 32(12), 2178.

Baldwin JG, et al. (2024) Intercellular nanotube-mediated mitochondrial transfer enhances T cell metabolic fitness and antitumor efficacy. *Cell*.

Kim J, et al. (2023) Supplementation with a high-glucose drink stimulates anti-tumor immune responses to glioblastoma via gut microbiota modulation. *Cell reports*, 42(10), 113220.

Vetters J, et al. (2023) Canonical IRE1 function needed to sustain vigorous natural killer cell proliferation during viral infection. *iScience*, 26(12), 108570.

Valle-Noguera A, et al. (2023) IL-18-induced HIF-1 α in ILC3s ameliorates the inflammation of *C. rodentium*-induced colitis. *Cell reports*, 42(12), 113508.

van der Sluis TC, et al. (2023) OX40 agonism enhances PD-L1 checkpoint blockade by shifting the cytotoxic T cell differentiation spectrum. *Cell reports. Medicine*, 4(3), 100939.

Del Monte-Monge A, et al. (2023) Assessing the impact of an antigen-specific antibody response on atherosclerosis development in mice. *STAR protocols*, 4(2), 102274.

Ahrends T, et al. (2022) Isolation of myenteric and submucosal plexus from mouse gastrointestinal tract and subsequent flow cytometry and immunofluorescence. *STAR protocols*, 3(1), 101157.

Rivera CA, et al. (2022) Epithelial colonization by gut dendritic cells promotes their functional diversification. *Immunity*, 55(1), 129.

Omer-Javed A, et al. (2022) Mobilization-based chemotherapy-free engraftment of gene-edited human hematopoietic stem cells. *Cell*, 185(13), 2248.

Jing Z, et al. (2022) Germinal center expansion but not plasmablast differentiation is

proportional to peptide-MHCII density via CD40-CD40L signaling strength. *Cell reports*, 39(5), 110763.

Jacobs K, et al. (2022) Stress-triggered hematopoietic stem cell proliferation relies on PrimPol-mediated repriming. *Molecular cell*, 82(21), 4176.

Bertocchi A, et al. (2021) Gut vascular barrier impairment leads to intestinal bacteria dissemination and colorectal cancer metastasis to liver. *Cancer cell*, 39(5), 708.

Ahrends T, et al. (2021) Enteric pathogens induce tissue tolerance and prevent neuronal loss from subsequent infections. *Cell*, 184(23), 5715.

Baranwal G, et al. (2021) Expanded renal lymphatics improve recovery following kidney injury. *Physiological reports*, 9(22), e15094.

de Laval B, et al. (2020) C/EBP β -Dependent Epigenetic Memory Induces Trained Immunity in Hematopoietic Stem Cells. *Cell stem cell*, 26(5), 657.

Bosteels C, et al. (2020) Inflammatory Type 2 cDCs Acquire Features of cDC1s and Macrophages to Orchestrate Immunity to Respiratory Virus Infection. *Immunity*, 52(6), 1039.

Bilate AM, et al. (2020) T Cell Receptor Is Required for Differentiation, but Not Maintenance, of Intestinal CD4⁺ Intraepithelial Lymphocytes. *Immunity*, 53(5), 1001.

Guo Y, et al. (2020) During *Aspergillus* Infection, Monocyte-Derived DCs, Neutrophils, and Plasmacytoid DCs Enhance Innate Immune Defense through CXCR3-Dependent Crosstalk. *Cell host & microbe*, 28(1), 104.

Gurusamy D, et al. (2020) Multi-phenotype CRISPR-Cas9 Screen Identifies p38 Kinase as a Target for Adoptive Immunotherapies. *Cancer cell*, 37(6), 818.