

Resource Summary Report

Generated by NIF on Jul 29, 2026

CD45.1

RRID:AB_10611577

Type: Antibody

Proper Citation

BD Biosciences Cat# 561235, RRID:AB_10611577

Antibody Information

URL: http://antibodyregistry.org/AB_10611577

Proper Citation: BD Biosciences Cat# 561235, RRID:AB_10611577

Target Antigen: CD45.1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD45.1

Description: This monoclonal targets CD45.1

Target Organism: mouse

Antibody ID: AB_10611577

Vendor: BD Biosciences

Catalog Number: 561235

Record Creation Time: 20250819T225456+0000

Record Last Update: 20250820T034204+0000

Ratings and Alerts

No rating or validation information has been found for CD45.1.

No alerts have been found for CD45.1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Park R, et al. (2025) CD138 and APRIL regulate plasma cell survival, competition, and retention in the bone marrow niche. Cell reports, 44(8), 116123.

Coulibaly ASK, et al. (2025) Id2 levels determine the development of effector vs. exhausted tissue-resident memory CD8+ T cells during CNS chronic infection. Cell reports, 44(6), 115861.

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.

Corral D, et al. (2022) ILC precursors differentiate into metabolically distinct ILC1-like cells during Mycobacterium tuberculosis infection. Cell reports, 39(3), 110715.

Lança T, et al. (2022) IRF8 deficiency induces the transcriptional, functional, and epigenetic reprogramming of cDC1 into the cDC2 lineage. Immunity, 55(8), 1431.

Seo IH, et al. (2021) IL-15 enhances CCR5-mediated migration of memory CD8+ T cells by upregulating CCR5 expression in the absence of TCR stimulation. Cell reports, 36(4), 109438.

Bachem A, et al. (2019) Microbiota-Derived Short-Chain Fatty Acids Promote the Memory Potential of Antigen-Activated CD8+ T Cells. Immunity, 51(2), 285.