

Resource Summary Report

Generated by [dkNET](#) on Aug 27, 2026

CD45.1

RRID:AB_1727490

Type: Antibody

Proper Citation

BD Biosciences Cat# 560520, RRID:AB_1727490

Antibody Information

URL: http://antibodyregistry.org/AB_1727490

Proper Citation: BD Biosciences Cat# 560520, RRID:AB_1727490

Target Antigen: CD45.1

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD45.1

Description: This monoclonal targets CD45.1

Target Organism: mouse

Antibody ID: AB_1727490

Vendor: BD Biosciences

Catalog Number: 560520

Record Creation Time: 20250820T022547+0000

Record Last Update: 20250820T133354+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 8 mentions in open access literature.

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

Kondo T, et al. (2025) Engineering TCR-controlled fuzzy logic into CAR T??cells enhances therapeutic specificity. *Cell*, 188(9), 2372.

Geiger KM, et al. (2023) Murine cytomegalovirus downregulates ERAAP and induces an unconventional T cell response to self. *Cell reports*, 42(4), 112317.

Wiede F, et al. (2022) PTP1B Is an Intracellular Checkpoint that Limits T-cell and CAR T-cell Antitumor Immunity. *Cancer discovery*, 12(3), 752.

Mudalagiriappa S, et al. (2022) GM-CSF+ Tc17 cells are required to bolster vaccine immunity against lethal fungal pneumonia without causing overt pathology. *Cell reports*, 41(4), 111543.

Khouili SC, et al. (2020) SHP-1 Regulates Antigen Cross-Presentation and Is Exploited by Leishmania to Evade Immunity. *Cell reports*, 33(9), 108468.

Crosse EI, et al. (2020) Multi-layered Spatial Transcriptomics Identify Secretory Factors Promoting Human Hematopoietic Stem Cell Development. *Cell stem cell*, 27(5), 822.

Low MSY, et al. (2019) IRF4 Activity Is Required in Established Plasma Cells to Regulate Gene Transcription and Mitochondrial Homeostasis. *Cell reports*, 29(9), 2634.

Masiuk KE, et al. (2019) Lentiviral Gene Therapy in HSCs Restores Lineage-Specific Foxp3 Expression and Suppresses Autoimmunity in a Mouse Model of IPEX Syndrome. *Cell stem cell*, 24(2), 309.