

Resource Summary Report

Generated by SPARC SAWG on Aug 19, 2026

CD45RA

RRID:AB_2740037

Type: Antibody

Proper Citation

BD Biosciences Cat# 740298, RRID:AB_2740037

Antibody Information

URL: http://antibodyregistry.org/AB_2740037

Proper Citation: BD Biosciences Cat# 740298, RRID:AB_2740037

Target Antigen: CD45RA

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD45RA

Description: This monoclonal targets CD45RA

Target Organism: human

Clone ID: HI100

Antibody ID: AB_2740037

Vendor: BD Biosciences

Catalog Number: 740298

Record Creation Time: 20250819T230806+0000

Record Last Update: 20250820T042337+0000

Ratings and Alerts

No rating or validation information has been found for CD45RA.

No alerts have been found for CD45RA.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Santos-Peral A, et al. (2025) Basal T cell activation predicts yellow fever vaccine response independently of cytomegalovirus infection and sex-related immune variations. *Cell reports. Medicine*, 6(2), 101946.

Lam N, et al. (2025) Asynchronous aging and turnover of human circulating and tissue-resident memory T cells across sites. *Immunity*, 58(9), 2271.

Ngiow SF, et al. (2024) LAG-3 sustains TOX expression and regulates the CD94/NKG2-Qa-1b axis to govern exhausted CD8 T cell NK receptor expression and cytotoxicity. *Cell*, 187(16), 4336.

Zwijnenburg AJ, et al. (2023) Graded expression of the chemokine receptor CX3CR1 marks differentiation states of human and murine T cells and enables cross-species interpretation. *Immunity*, 56(8), 1955.

Bukhari S, et al. (2023) Single-cell RNA sequencing reveals distinct T cell populations in immune-related adverse events of checkpoint inhibitors. *Cell reports. Medicine*, 4(1), 100868.

Hilliard S, et al. (2023) Bow-tie architectures in biological and artificial neural networks: Implications for network evolution and assay design. *iScience*, 26(2), 106041.

Menges D, et al. (2022) Heterogenous humoral and cellular immune responses with distinct trajectories post-SARS-CoV-2 infection in a population-based cohort. *Nature communications*, 13(1), 4855.

Giles JR, et al. (2022) Human epigenetic and transcriptional T cell differentiation atlas for identifying functional T cell-specific enhancers. *Immunity*, 55(3), 557.

Kreutmair S, et al. (2021) Distinct immunological signatures discriminate severe COVID-19 from non-SARS-CoV-2-driven critical pneumonia. *Immunity*, 54(7), 1578.

Beltra JC, et al. (2020) Developmental Relationships of Four Exhausted CD8+ T Cell Subsets Reveals Underlying Transcriptional and Epigenetic Landscape Control Mechanisms. *Immunity*, 52(5), 825.