

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

CD45 Monoclonal Antibody (2D1), PE, eBioscience

RRID:AB_10718238

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 12-9459-42, RRID:AB_10718238)

Antibody Information

URL: http://antibodyregistry.org/AB_10718238

Proper Citation: (Thermo Fisher Scientific Cat# 12-9459-42, RRID:AB_10718238)

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow

Antibody Name: CD45 Monoclonal Antibody (2D1), PE, eBioscience

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: Clone 2D1

Antibody ID: AB_10718238

Vendor: Thermo Fisher Scientific

Catalog Number: 12-9459-42

Record Creation Time: 20251213T073613+0000

Record Last Update: 20260225T230750+0000

Ratings and Alerts

No rating or validation information has been found for CD45 Monoclonal Antibody (2D1), PE, eBioscience.

No alerts have been found for CD45 Monoclonal Antibody (2D1), PE, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Shen J, et al. (2024) Activating innate immune responses repolarizes hPSC-derived CAR macrophages to improve anti-tumor activity. *Cell stem cell*, 31(7), 1003.

Mitsuhashi A, et al. (2023) Identification of fibrocyte cluster in tumors reveals the role in antitumor immunity by PD-L1 blockade. *Cell reports*, 42(3), 112162.

Iqbal AJ, et al. (2022) Galectin-9 mediates neutrophil capture and adhesion in a CD44 and α 5 β 1 integrin-dependent manner. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 36(1), e22065.

Roy A, et al. (2021) Transitions in lineage specification and gene regulatory networks in hematopoietic stem/progenitor cells over human development. *Cell reports*, 36(11), 109698.

Dersh D, et al. (2021) Genome-wide Screens Identify Lineage- and Tumor-Specific Genes Modulating MHC-I- and MHC-II-Restricted Immunosurveillance of Human Lymphomas. *Immunity*, 54(1), 116.

Rothe K, et al. (2020) Integrin-Linked Kinase Mediates Therapeutic Resistance of Quiescent CML Stem Cells to Tyrosine Kinase Inhibitors. *Cell stem cell*, 27(1), 110.

Rolfes V, et al. (2020) Platelets Fuel the Inflammasome Activation of Innate Immune Cells. *Cell reports*, 31(6), 107615.

Li F, et al. (2017) Prostaglandin E1 and Its Analog Misoprostol Inhibit Human CML Stem Cell Self-Renewal via EP4 Receptor Activation and Repression of AP-1. *Cell stem cell*, 21(3), 359.

Berry MR, et al. (2017) Renal Sodium Gradient Orchestrates a Dynamic Antibacterial Defense Zone. *Cell*, 170(5), 860.