

# Resource Summary Report

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

## CD45 Monoclonal Antibody (2D1), PE, eBioscience

RRID:AB\_10718238

Type: Antibody

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### Proper Citation

(Thermo Fisher Scientific Cat# 12-9459-42, RRID:AB\_10718238)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_10718238](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

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### 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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## 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  $\alpha$ 2 $\beta$ 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.

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

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.

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.