

Resource Summary Report

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

CD45 Monoclonal Antibody (2D1), eFluor™ 450, eBioscience

RRID:AB_1603240

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 48-9459-42, RRID:AB_1603240)

Antibody Information

URL: http://antibodyregistry.org/AB_1603240

Proper Citation: (Thermo Fisher Scientific Cat# 48-9459-42, RRID:AB_1603240)

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow

Consolidation on 1/2020: AB_1603240, AB_10409374

Antibody Name: CD45 Monoclonal Antibody (2D1), eFluor™ 450, eBioscience

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: Clone 2D1

Antibody ID: AB_1603240

Vendor: Thermo Fisher Scientific

Catalog Number: 48-9459-42

Record Creation Time: 20251213T073610+0000

Record Last Update: 20260225T230743+0000

Ratings and Alerts

- Used for immunohistochemistry by the Human Islet Research Network community. Contact(s): [Klaus Kaestner](#), [Yuval Dor](#), [Benjamin Glaser](#), [Martha Campbell-Thompson](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for CD45 Monoclonal Antibody (2D1), eFluor™ 450, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Oyer JL, et al. (2022) Cryopreserved PM21-Particle-Expanded Natural Killer Cells Maintain Cytotoxicity and Effector Functions In Vitro and In Vivo. *Frontiers in immunology*, 13, 861681.

Sun J, et al. (2018) SIRT1 Activation Disrupts Maintenance of Myelodysplastic Syndrome Stem and Progenitor Cells by Restoring TET2 Function. *Cell stem cell*, 23(3), 355.