

Resource Summary Report

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

CD45 Monoclonal Antibody (HI30), PE, eBioscience

RRID:AB_1724079

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 12-0459-42, RRID:AB_1724079)

Antibody Information

URL: http://antibodyregistry.org/AB_1724079

Proper Citation: (Thermo Fisher Scientific Cat# 12-0459-42, RRID:AB_1724079)

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_1724079, AB_10451319

Antibody Name: CD45 Monoclonal Antibody (HI30), PE, eBioscience

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: Clone HI30

Antibody ID: AB_1724079

Vendor: Thermo Fisher Scientific

Catalog Number: 12-0459-42

Record Creation Time: 20251213T073208+0000

Record Last Update: 20260225T230349+0000

Ratings and Alerts

No rating or validation information has been found for CD45 Monoclonal Antibody (HI30), PE, eBioscience.

No alerts have been found for CD45 Monoclonal Antibody (HI30), PE, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Phermthai T, et al. (2025) Clinical-grade allogeneic amniotic fluid stem cell banking: quality control for therapeutic applications and drug development. Stem cell research & therapy, 16(1), 509.

Huang S, et al. (2025) Low-intensity-pulsed-ultrasound-treated menstrual-blood-derived mesenchymal stem cells repair endometrial injury by PI3K/AKT pathway inhibition. Reproductive biomedicine online, 50(3), 104486.

Yousuf S, et al. (2023) Spatially Resolved Multi-Omics Single-Cell Analyses Inform Mechanisms of Immune Dysfunction in Pancreatic Cancer. Gastroenterology, 165(4), 891.

Hernández-Malmierca P, et al. (2022) Antigen presentation safeguards the integrity of the hematopoietic stem cell pool. Cell stem cell, 29(5), 760.

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.

Xi H, et al. (2020) A Human Skeletal Muscle Atlas Identifies the Trajectories of Stem and Progenitor Cells across Development and from Human Pluripotent Stem Cells. Cell stem cell, 27(1), 158.