

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 18, 2025

CD45 Monoclonal Antibody (30-F11), Pacific Blue™

RRID:AB_10373710

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# MCD4528, RRID:AB_10373710)

Antibody Information

URL: http://antibodyregistry.org/AB_10373710

Proper Citation: (Thermo Fisher Scientific Cat# MCD4528, RRID:AB_10373710)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow (Assay-dependent)

Antibody Name: CD45 Monoclonal Antibody (30-F11), Pacific Blue™

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Defining Citation: [PMID:19750208](https://pubmed.ncbi.nlm.nih.gov/19750208/)

Antibody ID: AB_10373710

Vendor: Thermo Fisher Scientific

Catalog Number: MCD4528

Record Creation Time: 20241016T232238+0000

Record Last Update: 20241017T003351+0000

Ratings and Alerts

No rating or validation information has been found for CD45 Monoclonal Antibody (30-F11), Pacific Blue™.

No alerts have been found for CD45 Monoclonal Antibody (30-F11), Pacific Blue™.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Xu Z, et al. (2024) Nuclear HMGB1 is critical for CD8 T cell IFN- γ production and anti-tumor immunity. Cell reports, 43(8), 114591.

Hirschhorn D, et al. (2023) T cell immunotherapies engage neutrophils to eliminate tumor antigen escape variants. Cell, 186(7), 1432.

Bhattacharya P, et al. (2023) Efferocytes release extracellular vesicles to resolve inflammation and tissue injury via prosaposin-GPR37 signaling. Cell reports, 42(7), 112808.

Luan D, et al. (2023) Adipocyte-Secreted IL-6 Sensitizes Macrophages to IL-4 Signaling. Diabetes, 72(3), 367.

Sun R, et al. (2022) Neutral ceramidase-dependent regulation of macrophage metabolism directs intestinal immune homeostasis and controls enteric infection. Cell reports, 38(13), 110560.

Shannon JP, et al. (2021) Group 1 innate lymphoid-cell-derived interferon- γ maintains anti-viral vigilance in the mucosal epithelium. Immunity, 54(2), 276.

Shannon JP, et al. (2021) Protocol for analyzing and visualizing antiviral immune responses after acute infection of the murine oral mucosa. STAR protocols, 2(4), 100790.

Grol MW, et al. (2021) Tendon and motor phenotypes in the Crtap^{-/-} mouse model of recessive osteogenesis imperfecta. eLife, 10.

Nadafi R, et al. (2020) Lymph Node Stromal Cells Generate Antigen-Specific Regulatory T Cells and Control Autoreactive T and B Cell Responses. Cell reports, 30(12), 4110.

Simmons S, et al. (2019) High-endothelial cell-derived S1P regulates dendritic cell localization and vascular integrity in the lymph node. *eLife*, 8.

Kolter J, et al. (2019) A Subset of Skin Macrophages Contributes to the Surveillance and Regeneration of Local Nerves. *Immunity*, 50(6), 1482.