

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

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](#)

Antibody ID: AB_10373710

Vendor: Thermo Fisher Scientific

Catalog Number: MCD4528

Record Creation Time: 20250820T024919+0000

Record Last Update: 20250820T143630+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 12 mentions in open access literature.

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

Kolter J, et al. (2025) Sensory neurons shape local macrophage identity via TGF- β signaling. *Immunity*.

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.

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

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

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) 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.

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.

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.