

Resource Summary Report

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

APC Anti-Mouse CD45 (30-F11)

RRID:AB_2621573

Type: Antibody

Proper Citation

Tonbo Biosciences Cat# 20-0451, RRID:AB_2621573

Antibody Information

URL: http://antibodyregistry.org/AB_2621573

Proper Citation: Tonbo Biosciences Cat# 20-0451, RRID:AB_2621573

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Original manufacturer of this product; Applications: FC Dilution: This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). Please refer to the figure legend for the optimal concentration used to stain the tissue shown. We recommend titrating the antibody under your specific conditions to determine the optimal concentration of antibody needed in your experimental system.

Antibody Name: APC Anti-Mouse CD45 (30-F11)

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: 30-F11

Antibody ID: AB_2621573

Vendor: Tonbo Biosciences

Catalog Number: 20-0451

Alternative Catalog Numbers: OWL-A00992

Record Creation Time: 20250820T025318+0000

Ratings and Alerts

No rating or validation information has been found for APC Anti-Mouse CD45 (30-F11).

No alerts have been found for APC Anti-Mouse CD45 (30-F11).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Merchant S, et al. (2025) Different effects of fatty acid oxidation on hematopoietic stem cells based on age and diet. *Cell stem cell*, 32(2), 263.

Delconte RB, et al. (2024) Fasting reshapes tissue-specific niches to improve NK cell-mediated anti-tumor immunity. *Immunity*, 57(8), 1923.

Kara N, et al. (2023) Endothelial and Leptin Receptor+ cells promote the maintenance of stem cells and hematopoiesis in early postnatal murine bone marrow. *Developmental cell*, 58(5), 348.

Zhao Y, et al. (2023) Neutrophils resist ferroptosis and promote breast cancer metastasis through aconitate decarboxylase 1. *Cell metabolism*, 35(10), 1688.

Peng C, et al. (2022) Engagement of the costimulatory molecule ICOS in tissues promotes establishment of CD8+ tissue-resident memory T cells. *Immunity*, 55(1), 98.

Jeffery EC, et al. (2022) Bone marrow and periosteal skeletal stem/progenitor cells make distinct contributions to bone maintenance and repair. *Cell stem cell*, 29(11), 1547.

DeVilbiss AW, et al. (2021) Metabolomic profiling of rare cell populations isolated by flow cytometry from tissues. *eLife*, 10.

Masiuk KE, et al. (2019) Lentiviral Gene Therapy in HSCs Restores Lineage-Specific Foxp3 Expression and Suppresses Autoimmunity in a Mouse Model of IPEX Syndrome. *Cell stem cell*, 24(2), 309.