

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

Anti-Mouse CD45 (30-F11)-89Y

RRID:AB_2651152

Type: Antibody

Proper Citation

(Standard BioTools Cat# 3089005, RRID:AB_2651152)

Antibody Information

URL: http://antibodyregistry.org/AB_2651152

Proper Citation: (Standard BioTools Cat# 3089005, RRID:AB_2651152)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Mass Cytometry

Antibody Name: Anti-Mouse CD45 (30-F11)-89Y

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: 30-F11

Antibody ID: AB_2651152

Vendor: Standard BioTools

Catalog Number: 3089005

Record Creation Time: 20260130T082136+0000

Record Last Update: 20260605T043420+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Mouse CD45 (30-F11)-89Y.

No alerts have been found for Anti-Mouse CD45 (30-F11)-89Y.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Yang S, et al. (2025) LTA4H improves the tumor microenvironment and prevents HCC progression via targeting the HNRNPA1/LTBP1/TGF- β axis. *Cell reports. Medicine*, 6(3), 102000.

Kirthika P, et al. (2025) Off-pore Nucleoporin sPOM121 Transcriptionally Propels β -Catenin-driven Tumor Progression and Immune Escape in Prostate Cancer. *Cancer discovery*, 15(11), 2374.

Suzuki T, et al. (2025) Selective TLR ligand stimulation enhances in vivo mosquito-borne flavivirus pathogenicity. *Cell reports*, 44(9), 116210.

Morin L, et al. (2025) Protocol for phenotyping mouse myeloid and lymphoid cells by mass cytometry. *STAR protocols*, 6(1), 103684.

Knuth CM, et al. (2024) Subcutaneous white adipose tissue independently regulates burn-induced hypermetabolism via immune-adipose crosstalk. *Cell reports*, 43(1), 113584.

Chang H, et al. (2024) Stress-sensitive neural circuits change the gut microbiome via duodenal glands. *Cell*, 187(19), 5393.

Tian H, et al. (2024) Multimodal mass spectrometry imaging identifies cell-type-specific metabolic and lipidomic variation in the mammalian liver. *Developmental cell*.

van der Sluis TC, et al. (2023) OX40 agonism enhances PD-L1 checkpoint blockade by shifting the cytotoxic T cell differentiation spectrum. *Cell reports. Medicine*, 4(3), 100939.

Gray GK, et al. (2023) Single-cell and spatial analyses reveal a tradeoff between murine mammary proliferation and lineage programs associated with endocrine cues. *Cell reports*, 42(10), 113293.

Qi L, et al. (2023) VEGFR-3 signaling restrains the neuron-macrophage crosstalk during neurotropic viral infection. *Cell reports*, 42(5), 112489.

Zucoloto AZ, et al. (2023) Vascular traffic control of neutrophil recruitment to the liver by microbiota-endothelium crosstalk. *Cell reports*, 42(5), 112507.

Liu X, et al. (2023) Context-dependent activation of STING-interferon signaling by CD11b agonists enhances anti-tumor immunity. *Cancer cell*, 41(6), 1073.

Biram A, et al. (2022) Bacterial infection disrupts established germinal center reactions through monocyte recruitment and impaired metabolic adaptation. *Immunity*, 55(3), 442.

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.

Porpiglia E, et al. (2022) Elevated CD47 is a hallmark of dysfunctional aged muscle stem cells that can be targeted to augment regeneration. *Cell stem cell*, 29(12), 1653.

Hezaveh K, et al. (2022) Tryptophan-derived microbial metabolites activate the aryl hydrocarbon receptor in tumor-associated macrophages to suppress anti-tumor immunity. *Immunity*, 55(2), 324.

Shi Q, et al. (2022) Increased glucose metabolism in TAMs fuels O-GlcNAcylation of lysosomal Cathepsin B to promote cancer metastasis and chemoresistance. *Cancer cell*, 40(10), 1207.

Lee JH, et al. (2022) Characterization of adipose depot-specific stromal cell populations by single-cell mass cytometry. *iScience*, 25(4), 104166.

Li H, et al. (2022) The allergy mediator histamine confers resistance to immunotherapy in cancer patients via activation of the macrophage histamine receptor H1. *Cancer cell*, 40(1), 36.

Ignacio A, et al. (2022) Small intestinal resident eosinophils maintain gut homeostasis following microbial colonization. *Immunity*, 55(7), 1250.