Resource Summary Report

Generated by NIF on Jul 29, 2026

FITC anti-mouse CD45

RRID:AB_312972
Type: Antibody

Proper Citation

BioLegend Cat# 103107, RRID:AB_312972

Antibody Information

URL: http://antibodyregistry.org/AB_312972

Proper Citation: BioLegend Cat# 103107, RRID:AB_312972

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: FITC anti-mouse CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_312972

Vendor: BioLegend

Catalog Number: 103107

Alternative Catalog Numbers: 103108

Record Creation Time: 20250820T045639+0000

Record Last Update: 20250820T202147+0000

Ratings and Alerts

No rating or validation information has been found for FITC anti-mouse CD45.

No alerts have been found for FITC anti-mouse CD45.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 68 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Zhan W, et al. (2026) Cathepsin-D-mediated MHC class I degradation contributes to immune evasion in colorectal cancer. Cell reports. Medicine, 102534.

Maeda Y, et al. (2026) Mucosal innate immune activation as the trigger to Prevotella species-induced arthritis in genetically resistant mice. Cell reports, 45(1), 116755.

Wu MM, et al. (2026) Macrophage PD-1 regulates energy expenditure and metabolic dysfunction under immune checkpoint blockade. Cell metabolism, 38(1), 208.

Brown JA, et al. (2026) Gut microbiota promotes immune tolerance at the maternal-fetal interface. Cell, 189(1), 196.

Akatsuka H, et al. (2025) Molecular and genetic evidence for the role of AMBRA1 in suppressing S-phase entry and tumorigenesis. iScience, 28(8), 113054.

Haraguchi M, et al. (2025) Transmission of maternal oral pathobionts to the infant gut predisposes offspring to exacerbated enteritis. Cell reports, 44(7), 115974.

Ueda C, et al. (2025) Endothelial activating transcription factor 3 promotes angiogenesis and vascular repair in the mouse retina. iScience, 28(1), 111516.

Zuo Y, et al. (2025) Monocyte-derived cells promote transient insult-induced brain injury by enhancing CD8+ T cell response. Cell reports, 44(11), 116528.

Huang SW, et al. (2025) Syngeneic natural killer cell therapy activates dendritic and T cells in metastatic lungs and effectively treats low-burden metastases. eLife, 13.

Zhang X, et al. (2025) MAIT cells protect against sterile lung injury. Cell reports, 44(2), 115275.

Chen F, et al. (2025) Helminth infection favors reprogramming and proliferation of lung neutrophils. bioRxiv : the preprint server for biology.

Wu Z, et al. (2025) Peripheral nervous system microglia-like cells regulate neuronal soma size throughout evolution. Cell, 188(8), 2159.

Braun LM, et al. (2025) Adiponectin reduces immune checkpoint inhibitor-induced inflammation without blocking anti-tumor immunity. Cancer cell, 43(2), 269.

Lamorte S, et al. (2025) Lymph node macrophages drive immune tolerance and resistance to cancer therapy by induction of the immune-regulatory cytokine IL-33. Cancer cell, 43(5), 955.

Álvarez-Prado ÁF, et al. (2025) Cancer cell and microenvironmental rewiring by ADAR1 loss impairs glioblastoma tumor growth and extends survival. Cell reports, 44(9), 116151.

Keskek Turk Y, et al. (2025) Sand fly saliva reprograms skin fibroblasts to enhance arbovirus infection. iScience, 28(11), 113854.

Wienke J, et al. (2024) Integrative analysis of neuroblastoma by single-cell RNA sequencing identifies the NECTIN2-TIGIT axis as a target for immunotherapy. Cancer cell, 42(2), 283.

Bueno MLP, et al. (2024) ?-Carboline derivatives are potent against Acute Myeloid Leukemia in vitro and in vivo. Pharmacological reports : PR, 76(4), 838.

Pan Y, et al. (2024) Glycoengineering-based anti-PD-1-iRGD peptide conjugate boosts antitumor efficacy through T cell engagement. Cell reports. Medicine, 5(6), 101590.

Koller BH, et al. (2024) Species-specific NLRP3 regulation and its role in CNS autoinflammatory diseases. Cell reports, 43(3), 113852.