Resource Summary Report

Generated by NIF on Sep 9, 2026

Rat Anti-Mouse CD107a Monoclonal Antibody, PE Conjugated, Clone 1D4B

RRID:AB_1645247
Type: Antibody

Proper Citation

BD Biosciences Cat# 558661, RRID:AB_1645247

Antibody Information

URL: http://antibodyregistry.org/AB_1645247

Proper Citation: BD Biosciences Cat# 558661, RRID:AB_1645247

Target Antigen: Mouse CD107a

Host Organism: rat

Clonality: monoclonal

Comments: Intracellular staining (flow Cytotoxicityometry)

Antibody Name: Rat Anti-Mouse CD107a Monoclonal Antibody, PE Conjugated, Clone 1D4B

Description: This monoclonal targets Mouse CD107a

Target Organism: mouse

Clone ID: Clone 1D4B

Antibody ID: AB_1645247

Vendor: BD Biosciences

Catalog Number: 558661

Record Creation Time: 20231110T052329+0000

Record Last Update: 20260829T203110+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-Mouse CD107a Monoclonal Antibody, PE Conjugated, Clone 1D4B.

No alerts have been found for Rat Anti-Mouse CD107a Monoclonal Antibody, PE Conjugated, Clone 1D4B.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Zhang L, et al. (2026) Triple-armed oncolytic HSV enhances antitumor immunity by remodeling the tumor microenvironment in subcutaneous murine CRC. iScience, 29(6), 115883.

Fremuth LE, et al. (2025) Neuraminidase 1 regulates neuropathogenesis by governing the cellular state of microglia via modulation of Trem2 sialylation. Cell reports, 44(1), 115204.

Rennen S, et al. (2025) Lipid nanoparticles as a tool to dissect dendritic cell maturation pathways. Cell reports, 44(8), 116150.

Fan Y, et al. (2025) Adoptive macrophages suppress glioblastoma growth by reversing immunosuppressive microenvironment through programmed phenotype repolarization. Cell reports, 44(10), 116350.

Nikolic I, et al. (2025) Enhancing anti-tumor immunity of natural killer cells through targeting IL-15R signaling. Cancer cell.

Sudholz H, et al. (2025) Core fucosylation of IL-2RB is required for natural killer cell homeostasis. Cell reports, 44(8), 116101.

Bedrosian ZK, et al. (2025) NKG2D ligand expression on NK cells induces NKG2D-mediated cross-tolerization of cytokine signaling and reduces NK cell tumor immunity. Journal of immunology (Baltimore, Md. : 1950), 214(6), 1410.

Oh JH, et al. (2025) Naturalized immune responses are stable over years in a colony of laboratory mice with wild-derived microbiota. Immunity, 58(9), 2305.

Seo D, et al. (2024) Poxvirus A51R proteins regulate microtubule stability and antagonize a cell-intrinsic antiviral response. Cell reports, 43(3), 113882.

Huang CX, et al. (2024) Pericancerous cross-presentation to cytotoxic T lymphocytes impairs immunotherapeutic efficacy in hepatocellular carcinoma. Cancer cell, 42(12), 2082.

Sudholz H, et al. (2024) DOT1L maintains NK cell phenotype and function for optimal tumor control. Cell reports, 43(6), 114333.

Vetters J, et al. (2023) Canonical IRE1 function needed to sustain vigorous natural killer cell proliferation during viral infection. iScience, 26(12), 108570.

Wenes M, et al. (2022) The mitochondrial pyruvate carrier regulates memory T??cell differentiation and antitumor function. Cell metabolism, 34(5), 731.

Wenzek C, et al. (2022) CD47 restricts antiviral function of alveolar macrophages during influenza virus infection. iScience, 25(12), 105540.

Mah-Som AY, et al. (2021) Reliance on Cox10 and oxidative metabolism for antigen-specific NK cell expansion. Cell reports, 35(9), 109209.

Funato Y, et al. (2020) The Oncogenic PRL Protein Causes Acid Addiction of Cells by Stimulating Lysosomal Exocytosis. Developmental cell, 55(4), 387.

Milner JJ, et al. (2020) Heterogenous Populations of Tissue-Resident CD8+ T Cells Are Generated in Response to Infection and Malignancy. Immunity, 52(5), 808.

Segovia M, et al. (2019) Targeting TMEM176B Enhances Antitumor Immunity and Augments the Efficacy of Immune Checkpoint Blockers by Unleashing Inflammasome Activation. Cancer cell, 35(5), 767.