

Resource Summary Report

Generated by SPARC SAWG on Aug 15, 2026

Mouse Anti-CD107a Monoclonal Antibody, PE-Cy5 (BD Cy-Chrome???) Conjugated, Clone H4A3

RRID:AB_396136

Type: Antibody

Proper Citation

BD Biosciences Cat# 555802, RRID:AB_396136

Antibody Information

URL: http://antibodyregistry.org/AB_396136

Proper Citation: BD Biosciences Cat# 555802, RRID:AB_396136

Target Antigen: CD107a (LAMP-1)

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Intracellular staining (flow cytometry)

Antibody Name: Mouse Anti-CD107a Monoclonal Antibody, PE-Cy5 (BD Cy-Chrome???) Conjugated, Clone H4A3

Description: This monoclonal targets CD107a (LAMP-1)

Target Organism: human

Clone ID: H4A3

Antibody ID: AB_396136

Vendor: BD Biosciences

Catalog Number: 555802

Record Creation Time: 20250820T022442+0000

Record Last Update: 20250820T133112+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-CD107a Monoclonal Antibody, PE-Cy5 (BD Cy-Chrome???) Conjugated, Clone H4A3.

No alerts have been found for Mouse Anti-CD107a Monoclonal Antibody, PE-Cy5 (BD Cy-Chrome???) Conjugated, Clone H4A3.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Roy V, et al. (2026) Epstein-Barr-virus-specific functional antibody signatures in the context of nasopharyngeal carcinoma development. Med (New York, N.Y.), 7(1), 100925.

Nziza N, et al. (2026) Breast milk antibody Fc signatures track with HIV transmission during breastfeeding in ART-naïve mothers. iScience, 29(4), 115520.

Powers JS, et al. (2026) Delayed viral rebound post-ART interruption in infant macaques given SIV-specific neutralizing antibodies. Cell reports. Medicine, 7(3), 102636.

Iyer A, et al. (2025) A role for Fas/FasL-dependent NK-mediated cytotoxicity in infants with perinatal HIV. iScience, 28(11), 113637.

Lennerz V, et al. (2025) T-cell receptors identified by a personalized antigen-agnostic screening approach target shared neoantigen KRAS Q61H. Frontiers in immunology, 16, 1509855.

Abrantes R, et al. (2025) Pan-carcinoma sialyl-Tn-targeting expands CAR therapy to solid tumors. Cell reports. Medicine, 6(9), 102350.

Jung W, et al. (2024) SARS-CoV-2 infection prior to vaccination amplifies Fc-mediated humoral profiles in an age-dependent manner. Cell reports, 43(9), 114684.

Irvine EB, et al. (2024) Humoral correlates of protection against Mycobacterium tuberculosis following intravenous BCG vaccination in rhesus macaques. iScience, 27(12), 111128.

Caulier B, et al. (2024) CD37 is a safe chimeric antigen receptor target to treat acute myeloid leukemia. Cell reports. Medicine, 5(6), 101572.

Boudreau CM, et al. (2023) Pre-existing Fc profiles shape the evolution of neutralizing antibody breadth following influenza vaccination. Cell reports. Medicine, 4(3), 100975.

Preechanukul A, et al. (2023) Identification and function of a novel human memory-like NK cell population expressing CD160 in melioidosis. iScience, 26(8), 107234.

Astorga-Gamaza A, et al. (2023) KLRG1 expression on natural killer cells is associated with HIV persistence, and its targeting promotes the reduction of the viral reservoir. *Cell reports. Medicine*, 4(10), 101202.

Gunn BM, et al. (2023) Antibodies against the Ebola virus soluble glycoprotein are associated with long-term vaccine-mediated protection of non-human primates. *Cell reports*, 42(4), 112402.

Deng Y, et al. (2023) Beta-spike-containing boosters induce robust and functional antibody responses to SARS-CoV-2 in macaques primed with distinct vaccines. *Cell reports*, 42(11), 113292.

Jennewein MF, et al. (2022) Functional and structural modifications of influenza antibodies during pregnancy. *iScience*, 25(4), 104088.

Burkard T, et al. (2022) Differential expression of CD8 defines phenotypically distinct cytotoxic T cells in cancer and multiple sclerosis. *Clinical and translational medicine*, 12(12), e1068.

Cheng J, et al. (2022) IL-27 induces IFN/STAT1-dependent genes and enhances function of TIGIT+ HIVGag-specific T cells. *iScience*, 25(1), 103588.

Boudreau CM, et al. (2022) Dissecting Fc signatures of protection in neonates following maternal influenza vaccination in a placebo-controlled trial. *Cell reports*, 38(6), 110337.

Davies LRL, et al. (2022) Polysaccharide and conjugate vaccines to *Streptococcus pneumoniae* generate distinct humoral responses. *Science translational medicine*, 14(656), eabm4065.

Bartsch YC, et al. (2022) Antibody effector functions are associated with protection from respiratory syncytial virus. *Cell*, 185(26), 4873.