

Resource Summary Report

Generated by ASWG on Aug 9, 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 [ASWG](#) .

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.

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.

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

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

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

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.

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

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.

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.