

# Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

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

RRID:AB\_396136

Type: Antibody

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### Proper Citation

BD Biosciences Cat# 555802, RRID:AB\_396136

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_396136](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

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### 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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 31 mentions in open access literature.

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

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.

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.

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.

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.

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

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

Gunn BM, et al. (2021) A Fc engineering approach to define functional humoral correlates of immunity against Ebola virus. *Immunity*, 54(4), 815.

Williamson LE, et al. (2021) Therapeutic alphavirus cross-reactive E1 human antibodies inhibit viral egress. *Cell*, 184(17), 4430.