

# Resource Summary Report

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## CD107a (LAMP-1) Monoclonal Antibody (eBio1D4B (1D4B)), Alexa Fluor™ 488, eBioscience

RRID:AB\_657536

Type: Antibody

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### Proper Citation

(Thermo Fisher Scientific Cat# 53-1071-82, RRID:AB\_657536)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_657536](http://antibodyregistry.org/AB_657536)

**Proper Citation:** (Thermo Fisher Scientific Cat# 53-1071-82, RRID:AB\_657536)

**Target Antigen:** CD107a (LAMP-1)

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: Flow, ICC/IF, WB  
Consolidation on 1/2020: AB\_657536, AB\_10172719

**Antibody Name:** CD107a (LAMP-1) Monoclonal Antibody (eBio1D4B (1D4B)), Alexa Fluor™ 488, eBioscience

**Description:** This monoclonal targets CD107a (LAMP-1)

**Target Organism:** mouse

**Clone ID:** Clone eBio1D4B (1D4B)

**Antibody ID:** AB\_657536

**Vendor:** Thermo Fisher Scientific

**Catalog Number:** 53-1071-82

**Record Creation Time:** 20241017T001138+0000

**Record Last Update:** 20241017T014953+0000

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## Ratings and Alerts

No rating or validation information has been found for CD107a (LAMP-1) Monoclonal Antibody (eBio1D4B (1D4B)), Alexa Fluor™ 488, eBioscience.

No alerts have been found for CD107a (LAMP-1) Monoclonal Antibody (eBio1D4B (1D4B)), Alexa Fluor™ 488, eBioscience.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Foskolou IP, et al. (2023) The two enantiomers of 2-hydroxyglutarate differentially regulate cytotoxic T cell function. *Cell reports*, 42(9), 113013.

Popovi? B, et al. (2023) Time-dependent regulation of cytokine production by RNA binding proteins defines T cell effector function. *Cell reports*, 42(5), 112419.

Shi Q, et al. (2022) Increased glucose metabolism in TAMs fuels O-GlcNAcylation of lysosomal Cathepsin B to promote cancer metastasis and chemoresistance. *Cancer cell*, 40(10), 1207.

Webb ER, et al. (2022) Cyclophosphamide depletes tumor infiltrating T regulatory cells and combined with anti-PD-1 therapy improves survival in murine neuroblastoma. *iScience*, 25(9), 104995.

Miettinen TP, et al. (2022) Single-cell monitoring of dry mass and dry mass density reveals exocytosis of cellular dry contents in mitosis. *eLife*, 11.