

Resource Summary Report

Generated by PRECISE-TBI on Sep 3, 2026

Anti-CPT1A antibody [8F6AE9] (Alexa Fluor 488)

RRID:AB_2714024

Type: Antibody

Proper Citation

Abcam Cat# ab171449, RRID:AB_2714024

Antibody Information

URL: http://antibodyregistry.org/AB_2714024

Proper Citation: Abcam Cat# ab171449, RRID:AB_2714024

Target Antigen: CPT1A

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommended applications: ICC/IF, Flow Cytometry

Antibody Name: Anti-CPT1A antibody [8F6AE9] (Alexa Fluor 488)

Description: This monoclonal targets CPT1A

Target Organism: rat, mouse, human

Clone ID: 8F6AE9

Antibody ID: AB_2714024

Vendor: Abcam

Catalog Number: ab171449

Record Creation Time: 20231110T033813+0000

Record Last Update: 20260901T030947+0000

Ratings and Alerts

No rating or validation information has been found for Anti-CPT1A antibody [8F6AE9] (Alexa Fluor 488).

No alerts have been found for Anti-CPT1A antibody [8F6AE9] (Alexa Fluor 488).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Matsushita M, et al. (2025) Peroxisomes are critical for a unique metabolic demand and survival of alveolar macrophages. Cell reports, 44(5), 115623.

Peña-Asensio J, et al. (2024) IL-15 boosts activated HBV core-specific CD8+ progenitor cells via metabolic rebalancing in persistent HBV infection. iScience, 27(1), 108666.

Delconte RB, et al. (2024) Fasting reshapes tissue-specific niches to improve NK cell-mediated anti-tumor immunity. Immunity, 57(8), 1923.

Mohammadpour H, et al. (2021) β 2-adrenergic receptor signaling regulates metabolic pathways critical to myeloid-derived suppressor cell function within the TME. Cell reports, 37(4), 109883.

Gamradt S, et al. (2021) Reduced mitochondrial respiration in T cells of patients with major depressive disorder. iScience, 24(11), 103312.

Nguyen HD, et al. (2020) Lysosomal Acid Lipase Is Required for Donor T Cells to Induce Graft-versus-Host Disease. Cell reports, 33(4), 108316.

Kumagai S, et al. (2020) An Oncogenic Alteration Creates a Microenvironment that Promotes Tumor Progression by Conferring a Metabolic Advantage to Regulatory T Cells. Immunity, 53(1), 187.

Divakaruni AS, et al. (2018) Etomoxir Inhibits Macrophage Polarization by Disrupting CoA Homeostasis. Cell metabolism, 28(3), 490.

Zhang Y, et al. (2017) Enhancing CD8+ T Cell Fatty Acid Catabolism within a Metabolically Challenging Tumor Microenvironment Increases the Efficacy of Melanoma Immunotherapy. Cancer cell, 32(3), 377.