Resource Summary Report

Generated by dkNET on Sep 18, 2026

PerCP-Cyanine5.5 Anti-Mouse CD8a (53-6.7)

RRID:AB_2621882
Type: Antibody

Proper Citation

(Tonbo Biosciences Cat# 65-0081, RRID:AB_2621882)

Antibody Information

URL: http://antibodyregistry.org/AB_2621882

Proper Citation: (Tonbo Biosciences Cat# 65-0081, RRID:AB_2621882)

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Original manufacturer of this product; Applications: FC Dilution: This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). Please refer to the figure legend for the optimal concentration used to stain the tissue shown. We recommend titrating the antibody under your specific conditions to determine the optimal concentration of antibody needed in your experimental system.

Antibody Name: PerCP-Cyanine5.5 Anti-Mouse CD8a (53-6.7)

Description: This monoclonal targets CD8a

Target Organism: mouse

Clone ID: 53-6.7

Antibody ID: AB_2621882

Vendor: Tonbo Biosciences

Catalog Number: 65-0081

Alternative Catalog Numbers: OWL-A11254

Record Creation Time: 20260513T213722+0000

Record Last Update: 20260828T180311+0000

Ratings and Alerts

No rating or validation information has been found for PerCP-Cyanine5.5 Anti-Mouse CD8a (53-6.7).

No alerts have been found for PerCP-Cyanine5.5 Anti-Mouse CD8a (53-6.7).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Fukui T, et al. (2026) A hierarchical Rorc(?t) cis-regulatory cascade orchestrates differentiation of ROR?t? innate immune cells. Immunity, 59(4), 953.

Jarjour NN, et al. (2025) Collaboration between interleukin-7 and -15 enables adaptation of tissue-resident and circulating memory CD8+ T cells to cytokine deficiency. Immunity, 58(3), 616.

Nagai M, et al. (2024) Sugar and arginine facilitate oral tolerance by ensuring the functionality of tolerogenic immune cell subsets in the intestine. Cell reports, 43(7), 114490.

Watanuki S, et al. (2024) SDHAF1 confers metabolic resilience to aging hematopoietic stem cells by promoting mitochondrial ATP production. Cell stem cell, 31(8), 1145.

Watanuki S, et al. (2024) Context-dependent modification of PFKFB3 in hematopoietic stem cells promotes anaerobic glycolysis and ensures stress hematopoiesis. eLife, 12.

Shiroshita K, et al. (2023) Evaluating the function of murine quiescent hematopoietic stem cells following non-homologous end joining-based genome editing. STAR protocols, 4(2), 102347.

Zhao Y, et al. (2023) Neutrophils resist ferroptosis and promote breast cancer metastasis through aconitate decarboxylase 1. Cell metabolism, 35(10), 1688.

Shiroshita K, et al. (2022) A culture platform to study quiescent hematopoietic stem cells following genome editing. Cell reports methods, 2(12), 100354.

Nixon BG, et al. (2022) Tumor-associated macrophages expressing the transcription factor IRF8 promote T cell exhaustion in cancer. Immunity, 55(11), 2044.

Peng C, et al. (2022) Engagement of the costimulatory molecule ICOS in tissues promotes establishment of CD8+ tissue-resident memory T cells. Immunity, 55(1), 98.

Huang H, et al. (2021) In vivo CRISPR screening reveals nutrient signaling processes underpinning CD8+ T cell fate decisions. Cell, 184(5), 1245.

Khouili SC, et al. (2020) SHP-1 Regulates Antigen Cross-Presentation and Is Exploited by Leishmania to Evade Immunity. Cell reports, 33(9), 108468.

Borges da Silva H, et al. (2020) Sensing of ATP via the Purinergic Receptor P2RX7 Promotes CD8+ Trm Cell Generation by Enhancing Their Sensitivity to the Cytokine TGF-?. Immunity, 53(1), 158.

Kobayashi H, et al. (2020) Protocol for the Maintenance of Quiescent Murine Hematopoietic Stem Cells. STAR protocols, 1(2), 100078.

Nagai M, et al. (2019) Fasting-Refeeding Impacts Immune Cell Dynamics and Mucosal Immune Responses. Cell, 178(5), 1072.

Kobayashi H, et al. (2019) Environmental Optimization Enables Maintenance of Quiescent Hematopoietic Stem Cells Ex Vivo. Cell reports, 28(1), 145.