

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

PE Anti-Mouse CD8a (53-6.7)

RRID:AB_2621741

Type: Antibody

Proper Citation

Tonbo Biosciences Cat# 50-0081, RRID:AB_2621741

Antibody Information

URL: http://antibodyregistry.org/AB_2621741

Proper Citation: Tonbo Biosciences Cat# 50-0081, RRID:AB_2621741

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: PE Anti-Mouse CD8a (53-6.7)

Description: This monoclonal targets CD8a

Target Organism: mouse

Clone ID: 53-6.7

Antibody ID: AB_2621741

Vendor: Tonbo Biosciences

Catalog Number: 50-0081

Alternative Catalog Numbers: OWL-A05805

Record Creation Time: 20250819T233118+0000

Ratings and Alerts

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

No alerts have been found for PE Anti-Mouse CD8a (53-6.7).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Rubio RM, et al. (2025) The transcription factor Helios restrains the anti-tumor capacity of CD8+ T cells. Cell reports, 44(12), 116680.

Merchant S, et al. (2025) Different effects of fatty acid oxidation on hematopoietic stem cells based on age and diet. Cell stem cell, 32(2), 263.

Savage TM, et al. (2024) Amphiregulin from regulatory T cells promotes liver fibrosis and insulin resistance in non-alcoholic steatohepatitis. Immunity, 57(2), 303.

Kara N, et al. (2023) Endothelial and Leptin Receptor+ cells promote the maintenance of stem cells and hematopoiesis in early postnatal murine bone marrow. Developmental cell, 58(5), 348.

Biswas L, et al. (2023) Lymphatic vessels in bone support regeneration after injury. Cell, 186(2), 382.

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.

Qi L, et al. (2021) Aspartate availability limits hematopoietic stem cell function during hematopoietic regeneration. Cell stem cell, 28(11), 1982.

Comazzetto S, et al. (2019) Restricted Hematopoietic Progenitors and Erythropoiesis Require SCF from Leptin Receptor+ Niche Cells in the Bone Marrow. Cell stem cell, 24(3), 477.

Ying W, et al. (2019) Expansion of Islet-Resident Macrophages Leads to Inflammation Affecting ? Cell Proliferation and Function in Obesity. Cell metabolism, 29(2), 457.

Kunimura K, et al. (2019) S100A4 Protein Is Essential for the Development of Mature Microfold Cells in Peyer's Patches. Cell reports, 29(9), 2823.

Yang BH, et al. (2019) TCF1 and LEF1 Control Treg Competitive Survival and Tfr Development to Prevent Autoimmune Diseases. *Cell reports*, 27(12), 3629.