Resource Summary Report

Generated by ASWG on Aug 9, 2026

PerCP-Cyanine5.5 Anti-Mouse CD4 (RM4-5) Antibody

RRID:AB_2621876
Type: Antibody

Proper Citation

Tonbo Biosciences Cat# 65-0042, RRID:AB_2621876

Antibody Information

URL: http://antibodyregistry.org/AB_2621876

Proper Citation: Tonbo Biosciences Cat# 65-0042, RRID:AB_2621876

Target Antigen: CD4

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 CD4 (RM4-5) Antibody

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: RM4-5

Antibody ID: AB_2621876

Vendor: Tonbo Biosciences

Catalog Number: 65-0042

Alternative Catalog Numbers: OWL-A11248

Record Creation Time: 20250820T024017+0000

Record Last Update: 20250820T141224+0000

Ratings and Alerts

No rating or validation information has been found for PerCP-Cyanine5.5 Anti-Mouse CD4 (RM4-5) Antibody.

No alerts have been found for PerCP-Cyanine5.5 Anti-Mouse CD4 (RM4-5) Antibody.

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 ASWG .

Yang N, et al. (2026) Pan-cancer macrophage atlas uncovers that MHC-IIhigh TAMs induce Treg activation through physical interactions. Cell reports, 45(4), 117230.

Tong Y, et al. (2025) Mendelian analysis reveals novel pancreatic cancer-associated gut bacteria with tumor-suppressive effects. Cellular oncology (Dordrecht, Netherlands), 48(6), 1725.

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.

Carreras-Sureda A, et al. (2023) The ER stress sensor IRE1 interacts with STIM1 to promote store-operated calcium entry, T cell activation, and muscular differentiation. Cell reports, 42(12), 113540.

Appleton BD, et al. (2023) Oxidized Phospholipid oxPAPC Alters Regulatory T-Cell Differentiation and Decreases Their Protective Function in Atherosclerosis in Mice. Arteriosclerosis, thrombosis, and vascular biology, 43(11), 2119.

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

Lutes LK, et al. (2021) T cell self-reactivity during thymic development dictates the timing of positive selection. eLife, 10.

Pritykin Y, et al. (2021) A unified atlas of CD8 T cell dysfunctional states in cancer and infection. Molecular cell, 81(11), 2477.

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

Loo CS, et al. (2020) A Genome-wide CRISPR Screen Reveals a Role for the Non-canonical Nucleosome-Remodeling BAF Complex in Foxp3 Expression and Regulatory T Cell Function. Immunity, 53(1), 143.

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.

Noval Rivas M, et al. (2019) Intestinal Permeability and IgA Provoke Immune Vasculitis Linked to Cardiovascular Inflammation. Immunity, 51(3), 508.

Shimada K, et al. (2018) T-Cell-Intrinsic Receptor Interacting Protein 2 Regulates Pathogenic T Helper 17 Cell Differentiation. Immunity, 49(5), 873.