Resource Summary Report

Generated by ASWG on Aug 10, 2026

PE Anti-Mouse CD4 (RM4-5) Antibody

RRID:AB_2621737
Type: Antibody

Proper Citation

Tonbo Biosciences Cat# 50-0042, RRID:AB_2621737

Antibody Information

URL: http://antibodyregistry.org/AB_2621737

Proper Citation: Tonbo Biosciences Cat# 50-0042, RRID:AB_2621737

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: PE Anti-Mouse CD4 (RM4-5) Antibody

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: RM4-5

Antibody ID: AB_2621737

Vendor: Tonbo Biosciences

Catalog Number: 50-0042

Alternative Catalog Numbers: OWL-A05801

Record Creation Time: 20250820T054422+0000

Record Last Update: 20250820T222056+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Guichard V, et al. (2025) Pre-existing epigenetic state and differential NF-?B activation shape type 2 immune cell responses. Immunity, 58(6), 1422.

Clark NM, et al. (2020) Regulatory T Cells Support Breast Cancer Progression by Opposing IFN-?-Dependent Functional Reprogramming of Myeloid Cells. Cell reports, 33(10), 108482.

Martínez-López M, et al. (2019) Microbiota Sensing by Mincle-Syk Axis in Dendritic Cells Regulates Interleukin-17 and -22 Production and Promotes Intestinal Barrier Integrity. Immunity, 50(2), 446.