

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

violetFluor 450 Anti-Mouse CD4 (RM4-5)

RRID:AB_2621928

Type: Antibody

Proper Citation

Tonbo Biosciences Cat# 75-0042, RRID:AB_2621928

Antibody Information

URL: http://antibodyregistry.org/AB_2621928

Proper Citation: Tonbo Biosciences Cat# 75-0042, RRID:AB_2621928

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: violetFluor 450 Anti-Mouse CD4 (RM4-5)

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: RM4-5

Antibody ID: AB_2621928

Vendor: Tonbo Biosciences

Catalog Number: 75-0042

Alternative Catalog Numbers: OWL-A12200

Record Creation Time: 20250820T022936+0000

Ratings and Alerts

No rating or validation information has been found for violetFluor 450 Anti-Mouse CD4 (RM4-5).

No alerts have been found for violetFluor 450 Anti-Mouse CD4 (RM4-5).

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](#) .

Catal?? C, et al. (2022) CD6 deficiency impairs early immune response to bacterial sepsis. iScience, 25(10), 105078.

Blagih J, et al. (2020) Cancer-Specific Loss of p53 Leads to a Modulation of Myeloid and T Cell Responses. Cell reports, 30(2), 481.

Shi H, et al. (2019) Amino Acids License Kinase mTORC1 Activity and Treg Cell Function via Small G Proteins Rag and Rheb. Immunity, 51(6), 1012.