

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

FITC Anti-Mouse CD2 (RM2-5) Antibody

RRID:AB_2621657

Type: Antibody

Proper Citation

Tonbo Biosciences Cat# 35-0021, RRID:AB_2621657

Antibody Information

URL: http://antibodyregistry.org/AB_2621657

Proper Citation: Tonbo Biosciences Cat# 35-0021, RRID:AB_2621657

Target Antigen: CD2

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: FITC Anti-Mouse CD2 (RM2-5) Antibody

Description: This monoclonal targets CD2

Target Organism: mouse

Clone ID: RM2-5

Antibody ID: AB_2621657

Vendor: Tonbo Biosciences

Catalog Number: 35-0021

Alternative Catalog Numbers: OWL-A05031

Record Creation Time: 20250820T065141+0000

Ratings and Alerts

No rating or validation information has been found for FITC Anti-Mouse CD2 (RM2-5) Antibody.

No alerts have been found for FITC Anti-Mouse CD2 (RM2-5) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

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.

Garyn CM, et al. (2024) G2 arrest primes hematopoietic stem cells for megakaryopoiesis. Cell reports, 43(7), 114388.

DeVilbiss AW, et al. (2021) Metabolomic profiling of rare cell populations isolated by flow cytometry from tissues. eLife, 10.

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.

Luchsinger LL, et al. (2019) Harnessing Hematopoietic Stem Cell Low Intracellular Calcium Improves Their Maintenance In??Vitro. Cell stem cell, 25(2), 225.

de Almeida MJ, et al. (2017) Dye-Independent Methods Reveal Elevated Mitochondrial Mass in Hematopoietic Stem Cells. Cell stem cell, 21(6), 725.