

Resource Summary Report

Generated by ASWG on Aug 10, 2026

PE Anti-Mouse CD3 (17A2) Antibody

RRID:AB_2621731

Type: Antibody

Proper Citation

Tonbo Biosciences Cat# 50-0032, RRID:AB_2621731

Antibody Information

URL: http://antibodyregistry.org/AB_2621731

Proper Citation: Tonbo Biosciences Cat# 50-0032, RRID:AB_2621731

Target Antigen: CD3

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 CD3 (17A2) Antibody

Description: This monoclonal targets CD3

Target Organism: mouse

Clone ID: 17A2

Antibody ID: AB_2621731

Vendor: Tonbo Biosciences

Catalog Number: 50-0032

Alternative Catalog Numbers: OWL-A05795

Record Creation Time: 20250820T042225+0000

Ratings and Alerts

No rating or validation information has been found for PE Anti-Mouse CD3 (17A2) Antibody.

No alerts have been found for PE Anti-Mouse CD3 (17A2) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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.

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.

Rosenbaum SR, et al. (2021) SOX10 requirement for melanoma tumor growth is due, in part, to immune-mediated effects. Cell reports, 37(10), 110085.

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.