

# Resource Summary Report

Generated by [dkNET](#) on Aug 16, 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](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 [dkNET](#) .

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.