

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

APC Anti-Human/Mouse CD45R (B220) (RA3-6B2) Antibody

RRID:AB_2621574

Type: Antibody

Proper Citation

Tonbo Biosciences Cat# 20-0452, RRID:AB_2621574

Antibody Information

URL: http://antibodyregistry.org/AB_2621574

Proper Citation: Tonbo Biosciences Cat# 20-0452, RRID:AB_2621574

Target Antigen: CD45R (B220)

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: APC Anti-Human/Mouse CD45R (B220) (RA3-6B2) Antibody

Description: This monoclonal targets CD45R (B220)

Target Organism: mouse, human

Clone ID: RA3-6B2

Antibody ID: AB_2621574

Vendor: Tonbo Biosciences

Catalog Number: 20-0452

Alternative Catalog Numbers: OWL-A00993

Record Creation Time: 20231110T034845+0000

Record Last Update: 20260901T003754+0000

Ratings and Alerts

No rating or validation information has been found for APC Anti-Human/Mouse CD45R (B220) (RA3-6B2) Antibody.

No alerts have been found for APC Anti-Human/Mouse CD45R (B220) (RA3-6B2) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Sahasrabuddhe AA, et al. (2025) The FBXO45-GEF-H1 Axis Controls Germinal Center Formation and B-cell Lymphomagenesis. Cancer discovery, 15(4), 838.

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.

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.

Nakajima-Takagi Y, et al. (2023) Polycomb repressive complex 1.1 coordinates homeostatic and emergency myelopoiesis. eLife, 12.

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??Vtro. Cell stem cell, 25(2), 225.

Du Q, et al. (2019) MIR205HG Is a Long Noncoding RNA that Regulates Growth Hormone and Prolactin Production in the Anterior Pituitary. Developmental cell, 49(4), 618.

Yang BH, et al. (2019) TCF1 and LEF1 Control Treg Competitive Survival and Tfr Development to Prevent Autoimmune Diseases. *Cell reports*, 27(12), 3629.

Shimada K, et al. (2018) T-Cell-Intrinsic Receptor Interacting Protein 2 Regulates Pathogenic T Helper 17 Cell Differentiation. *Immunity*, 49(5), 873.

Wilmore JR, et al. (2018) Commensal Microbes Induce Serum IgA Responses that Protect against Polymicrobial Sepsis. *Cell host & microbe*, 23(3), 302.