

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 18, 2025

PerCP-Cyanine5.5 Anti-Mouse TCR beta (H57-597)

RRID:AB_2621911

Type: Antibody

Proper Citation

(Tonbo Biosciences Cat# 65-5961, RRID:AB_2621911)

Antibody Information

URL: http://antibodyregistry.org/AB_2621911

Proper Citation: (Tonbo Biosciences Cat# 65-5961, RRID:AB_2621911)

Target Antigen: TCR beta

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: PerCP-Cyanine5.5 Anti-Mouse TCR beta (H57-597)

Description: This monoclonal targets TCR beta

Target Organism: mouse

Clone ID: H57-597

Antibody ID: AB_2621911

Vendor: Tonbo Biosciences

Catalog Number: 65-5961

Alternative Catalog Numbers: OWL-A11314

Record Creation Time: 20231110T034843+0000

Record Last Update: 20240725T060450+0000

Ratings and Alerts

No rating or validation information has been found for PerCP-Cyanine5.5 Anti-Mouse TCR beta (H57-597).

No alerts have been found for PerCP-Cyanine5.5 Anti-Mouse TCR beta (H57-597).

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 [FDI Lab - SciCrunch.org](#).

Zheng M, et al. (2024) TNF compromises intestinal bile-acid tolerance dictating colitis progression and limited infliximab response. Cell metabolism, 36(9), 2086.

Rankin LC, et al. (2023) Dietary tryptophan deficiency promotes gut ROR γ ⁺ Treg cells at the expense of Gata3⁺ Treg cells and alters commensal microbiota metabolism. Cell reports, 42(3), 112135.

Elliot TAE, et al. (2021) Antigen and checkpoint receptor engagement recalibrates T cell receptor signal strength. Immunity, 54(11), 2481.

Jennings EK, et al. (2021) Application of dual Nr4a1-GFP Nr4a3-Tocky reporter mice to study T cell receptor signaling by flow cytometry. STAR protocols, 2(1), 100284.

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.

Webb LV, et al. (2019) Survival of Single Positive Thymocytes Depends upon Developmental Control of RIPK1 Kinase Signaling by the IKK Complex Independent of NF- κ B. Immunity, 50(2), 348.

Fu Z, et al. (2019) Requirement of Mitochondrial Transcription Factor A in Tissue-Resident Regulatory T Cell Maintenance and Function. Cell reports, 28(1), 159.