

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

Armenian Hamster Anti-TCR beta Monoclonal Antibody, Phycoerythrin Conjugated, Clone H57-597

RRID:AB_394684

Type: Antibody

Proper Citation

BD Biosciences Cat# 553172, RRID:AB_394684

Antibody Information

URL: http://antibodyregistry.org/AB_394684

Proper Citation: BD Biosciences Cat# 553172, RRID:AB_394684

Target Antigen: TCR beta

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: Armenian Hamster Anti-TCR beta Monoclonal Antibody, Phycoerythrin Conjugated, Clone H57-597

Description: This monoclonal targets TCR beta

Target Organism: mouse

Clone ID: H57-597

Antibody ID: AB_394684

Vendor: BD Biosciences

Catalog Number: 553172

Record Creation Time: 20250820T060710+0000

Record Last Update: 20250820T232014+0000

Ratings and Alerts

No rating or validation information has been found for Armenian Hamster Anti-TCR beta Monoclonal Antibody, Phycoerythrin Conjugated, Clone H57-597.

No alerts have been found for Armenian Hamster Anti-TCR beta Monoclonal Antibody, Phycoerythrin Conjugated, Clone H57-597.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Broderick C, et al. (2025) A RAS(ON) Multi-Selective Inhibitor Combination Therapy Triggers Long-term Tumor Control through Senescence-Associated Tumor-Immune Equilibrium in Pancreatic Ductal Adenocarcinoma. Cancer discovery, 15(8), 1717.

Eggert J, et al. (2024) Cbl-b mitigates the responsiveness of naive CD8+ T cells that experience extensive tonic T cell receptor signaling. Science signaling, 17(822), eadh0439.

Lin CP, et al. (2024) Multimodal stimulation screens reveal unique and shared genes limiting T cell fitness. Cancer cell.

Qi L, et al. (2023) VEGFR-3 signaling restrains the neuron-macrophage crosstalk during neurotropic viral infection. Cell reports, 42(5), 112489.

Fukushima Y, et al. (2022) cis interaction of CD153 with TCR/CD3 is crucial for the pathogenic activation of senescence-associated T cells. Cell reports, 40(12), 111373.

Gros M, et al. (2022) Endocytic membrane repair by ESCRT-III controls antigen export to the cytosol during antigen cross-presentation. Cell reports, 40(7), 111205.

Zhang Z, et al. (2022) RNF31 inhibition sensitizes tumors to bystander killing by innate and adaptive immune cells. Cell reports. Medicine, 3(6), 100655.

Vredevoogd DW, et al. (2019) Augmenting Immunotherapy Impact by Lowering Tumor TNF Cytotoxicity Threshold. Cell, 178(3), 585.

Wu P, et al. (2019) Mechano-regulation of Peptide-MHC Class I Conformations Determines TCR Antigen Recognition. Molecular cell, 73(5), 1015.