

# Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

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

RRID:AB\_394684

Type: Antibody

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### Proper Citation

BD Biosciences Cat# 553172, RRID:AB\_394684

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_394684](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

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### 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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Yee SM, et al. (2026) A distinct TCR+CD19+ population in the peritoneal cavity: B1a cells as precursors of extrathymic T cells. iScience, 29(4), 115505.

Wang S, et al. (2025) IND-Enabling Studies for a TCR-T Targeting a Pancreatic Cancer KRASG12V Mutation. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(21), 4557.

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.