

Resource Summary Report

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

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

RRID:AB_398534

Type: Antibody

Proper Citation

BD Biosciences Cat# 553174, RRID:AB_398534

Antibody Information

URL: http://antibodyregistry.org/AB_398534

Proper Citation: BD Biosciences Cat# 553174, RRID:AB_398534

Target Antigen: TCR beta

Clonality: monoclonal

Comments: Flow cytometry

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

Description: This monoclonal targets TCR beta

Target Organism: mouse

Clone ID: H57-597

Antibody ID: AB_398534

Vendor: BD Biosciences

Catalog Number: 553174

Record Creation Time: 20250820T010117+0000

Record Last Update: 20250820T094914+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Wang H, et al. (2026) Targeting TMED4 enhances CD8+ T cell function and CAR T cell efficacy in solid tumors through the IRE1?-autophagy axis. Science advances, 12(24), eaee0517.

Takimoto Y, et al. (2023) Myeloid TLR4 signaling promotes post-injury withdrawal resolution of murine liver fibrosis. iScience, 26(3), 106220.

Hu Y, et al. (2023) Lineage-specific 3D genome organization is assembled at multiple scales by IKAROS. Cell, 186(24), 5269.

Miyamoto K, et al. (2023) The gut microbiota-induced kynurenic acid recruits GPR35-positive macrophages to promote experimental encephalitis. Cell reports, 42(8), 113005.

Kasashima H, et al. (2021) Stromal SOX2 Upregulation Promotes Tumorigenesis through the Generation of a SFRP1/2-Expressing Cancer-Associated Fibroblast Population. Developmental cell, 56(1), 95.

Linares JF, et al. (2021) PKC?? inhibition activates an ULK2-mediated interferon response to repress tumorigenesis. Molecular cell, 81(21), 4509.

Kanno T, et al. (2021) Acsbg1-dependent mitochondrial fitness is a metabolic checkpoint for tissue Treg cell homeostasis. Cell reports, 37(6), 109921.

Horkova V, et al. (2020) Dynamics of the Coreceptor-LCK Interactions during T Cell Development Shape the Self-Reactivity of Peripheral CD4 and CD8 T Cells. Cell reports, 30(5), 1504.

Chang D, et al. (2020) The Conserved Non-coding Sequences CNS6 and CNS9 Control Cytokine-Induced Rorc Transcription during T Helper 17 Cell Differentiation. Immunity, 53(3), 614.

Kudo Y, et al. (2020) PKC?? Loss Induces Autophagy, Oxidative Phosphorylation, and NRF2 to Promote Liver Cancer Progression. Cancer cell, 38(2), 247.

Segovia M, et al. (2019) Targeting TMEM176B Enhances Antitumor Immunity and Augments the Efficacy of Immune Checkpoint Blockers by Unleashing Inflammasome Activation. *Cancer cell*, 35(5), 767.

Ciecko AE, et al. (2019) Interleukin-27 Is Essential for Type 1 Diabetes Development and Sjögren Syndrome-like Inflammation. *Cell reports*, 29(10), 3073.

Adoue V, et al. (2019) The Histone Methyltransferase SETDB1 Controls T Helper Cell Lineage Integrity by Repressing Endogenous Retroviruses. *Immunity*, 50(3), 629.

Nakanishi Y, et al. (2018) Simultaneous Loss of Both Atypical Protein Kinase C Genes in the Intestinal Epithelium Drives Serrated Intestinal Cancer by Impairing Immunosurveillance. *Immunity*, 49(6), 1132.