Resource Summary Report

Generated by RRID on Jul 28, 2026

Syrian Hamster Anti-CD28 Monoclonal Antibody, Unconjugated, Clone 37.51

RRID:AB_394763
Type: Antibody

Proper Citation

BD Biosciences Cat# 553294, RRID:AB_394763

Antibody Information

URL: http://antibodyregistry.org/AB_394763

Proper Citation: BD Biosciences Cat# 553294, RRID:AB_394763

Target Antigen: CD28

Clonality: monoclonal

Comments: Flow cytometry, Immunohistochemistry-frozen

Antibody Name: Syrian Hamster Anti-CD28 Monoclonal Antibody, Unconjugated, Clone 37.51

Description: This monoclonal targets CD28

Target Organism: mouse

Clone ID: 37.51

Antibody ID: AB_394763

Vendor: BD Biosciences

Catalog Number: 553294

Record Creation Time: 20250820T042753+0000

Record Last Update: 20250820T190227+0000

Ratings and Alerts

No rating or validation information has been found for Syrian Hamster Anti-CD28 Monoclonal Antibody, Unconjugated, Clone 37.51.

No alerts have been found for Syrian Hamster Anti-CD28 Monoclonal Antibody, Unconjugated, Clone 37.51.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 58 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Clark ML, et al. (2025) Mitochondrial complex IV remodeling in tumor-associated macrophages amplifies interferon signaling and promotes anti-tumor immunity. Immunity, 58(7), 1670.

Zhao CN, et al. (2025) Phocaeicola vulgatus induces immunotherapy resistance in hepatocellular carcinoma via reducing indoleacetic acid production. Cell reports. Medicine, 102370.

Wu Y, et al. (2025) DA-DRD5 signaling reprograms B cells to promote CD8+ T cell-mediated antitumor immunity. Cell reports, 44(3), 115364.

Osaki M, et al. (2025) Soluble CTLA-4 regulates immune homeostasis and promotes resolution of inflammation by suppressing type 1 but allowing type 2 immunity. Immunity, 58(4), 889.

Kondo T, et al. (2025) Engineering TCR-controlled fuzzy logic into CAR T cells enhances therapeutic specificity. Cell, 188(9), 2372.

Rao C, et al. (2025) Beta cell extracellular vesicle PD-L1 as a novel regulator of CD8+ T cell activity and biomarker during the evolution of type 1 diabetes. Diabetologia, 68(2), 382.

Li B, et al. (2025) Serotonin transporter inhibits antitumor immunity through regulating the intratumoral serotonin axis. Cell, 188(14), 3823.

Phelps CM, et al. (2025) Exercise-induced microbiota metabolite enhances CD8 T cell antitumor immunity promoting immunotherapy efficacy. Cell.

Li J, et al. (2025) Monocyte/macrophage-derived interleukin-15 mediates the pro-inflammatory phenotype of CD226+ B cells in type 1 diabetes. EBioMedicine, 120, 105946.

Rao C, et al. (2024) Beta cell extracellular vesicle PD-L1 as a novel regulator of CD8+ T cell activity and biomarker during the evolution of Type 1 Diabetes. bioRxiv : the preprint

server for biology.

Ichiyama K, et al. (2024) Transcription factor Ikzf1 associates with Foxp3 to repress gene expression in Treg cells and limit autoimmunity and anti-tumor immunity. Immunity, 57(9), 2043.

Meza-Perez S, et al. (2024) Proteobacteria impair anti-tumor immunity in the omentum by consuming arginine. Cell host & microbe, 32(7), 1177.

Martins C, et al. (2024) Tumor cell-intrinsic PD-1 promotes Merkel cell carcinoma growth by activating downstream mTOR-mitochondrial ROS signaling. Science advances, 10(3), eadi2012.

Jaeger-Ruckstuhl CA, et al. (2024) Signaling via a CD27-TRAF2-SHP-1 axis during naive T cell activation promotes memory-associated gene regulatory networks. Immunity, 57(2), 287.

Tsao HW, et al. (2024) Targeting the aminopeptidase ERAP enhances antitumor immunity by disrupting the NKG2A-HLA-E inhibitory checkpoint. Immunity, 57(12), 2863.

Bülow S, et al. (2024) Bactericidal/permeability-increasing protein instructs dendritic cells to elicit Th22 cell response. Cell reports, 43(3), 113929.

Baldwin JG, et al. (2024) Intercellular nanotube-mediated mitochondrial transfer enhances T cell metabolic fitness and antitumor efficacy. Cell.

Nian Z, et al. (2024) Interleukin-34-orchestrated tumor-associated macrophage reprogramming is required for tumor immune escape driven by p53 inactivation. Immunity, 57(10), 2344.

Nava Lauson CB, et al. (2023) Linoleic acid potentiates CD8+ T cell metabolic fitness and antitumor immunity. Cell metabolism, 35(4), 633.

Sandner L, et al. (2023) The guanine nucleotide exchange factor Rin-like controls Tfh cell differentiation via CD28 signaling. The Journal of experimental medicine, 220(11).