

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

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

RRID:AB_394764

Type: Antibody

Proper Citation

BD Biosciences Cat# 553295, RRID:AB_394764

Antibody Information

URL: http://antibodyregistry.org/AB_394764

Proper Citation: BD Biosciences Cat# 553295, RRID:AB_394764

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_394764

Vendor: BD Biosciences

Catalog Number: 553295

Record Creation Time: 20250820T064530+0000

Record Last Update: 20250821T005201+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 31 mentions in open access literature.

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

Qian J, et al. (2025) A CXCR4 partial agonist improves immunotherapy by targeting immunosuppressive neutrophils and cancer-driven granulopoiesis. *Cancer cell*, 43(8), 1512.

Hodel AW, et al. (2025) Acidic pH can attenuate immune killing through inactivation of perforin. *EMBO reports*, 26(4), 929.

Wang J, et al. (2025) The transcription factor ZEB2 mediates the antitumor efficacy of tumor-infiltrating lymphocytes in non-small cell lung cancer. *Cell death & disease*, 16(1), 806.

Ghosh A, et al. (2025) Potentiation of noncanonical NF- κ B signaling and marginal zone B cell expansion by CARD11-mediated regulation of p100 processing. *Cell reports*, 44(12), 116616.

Chun D, et al. (2024) Flt3L enhances clonal diversification and selective expansion of intratumoral CD8⁺ T cells while differentiating into effector-like cells. *Cell reports*, 43(12), 115023.

Slamanig S, et al. (2024) Intranasal SARS-CoV-2 Omicron variant vaccines elicit humoral and cellular mucosal immunity in female mice. *EBioMedicine*, 105, 105185.

Van Der Byl W, et al. (2024) The CD8⁺ T cell tolerance checkpoint triggers a distinct differentiation state defined by protein translation defects. *Immunity*, 57(6), 1324.

Yang CL, et al. (2024) PDIA3 orchestrates effector T cell program by serving as a chaperone to facilitate the non-canonical nuclear import of STAT1 and PKM2. *Molecular therapy : the journal of the American Society of Gene Therapy*, 32(8), 2778.

Ben Nasr M, et al. (2024) Glucagon-like peptide 1 receptor is a T cell-negative costimulatory molecule. *Cell metabolism*, 36(6), 1302.

Wenzek C, et al. (2024) Lack of canonical thyroid hormone receptor α signaling changes regulatory T cell phenotype in female mice. *iScience*, 27(8), 110547.

McDonald B, et al. (2023) Canonical BAF complex activity shapes the enhancer landscape that licenses CD8+ T cell effector and memory fates. *Immunity*, 56(6), 1303.

Straub A, et al. (2023) Recruitment of epitope-specific T cell clones with a low-avidity threshold supports efficacy against mutational escape upon re-infection. *Immunity*, 56(6), 1269.

Huseni MA, et al. (2023) CD8+ T cell-intrinsic IL-6 signaling promotes resistance to anti-PD-L1 immunotherapy. *Cell reports. Medicine*, 4(1), 100878.

Chen L, et al. (2022) Hepatic cytochrome P450 8B1 and cholic acid potentiate intestinal epithelial injury in colitis by suppressing intestinal stem cell renewal. *Cell stem cell*, 29(9), 1366.

Zindl CL, et al. (2022) A nonredundant role for T cell-derived interleukin 22 in antibacterial defense of colonic crypts. *Immunity*, 55(3), 494.

Sun Y, et al. (2021) Sarm1-mediated neurodegeneration within the enteric nervous system protects against local inflammation of the colon. *Protein & cell*, 12(8), 621.

Wang W, et al. (2021) Primary culture of immature, naïve mouse CD4+ T cells. *STAR protocols*, 2(3), 100756.

Jin J, et al. (2020) CD137 Signaling Regulates Acute Colitis via RALDH2-Expressing CD11b-CD103+ DCs. *Cell reports*, 30(12), 4124.

Browning LM, et al. (2020) Bone Morphogenic Proteins Are Immunoregulatory Cytokines Controlling FOXP3+ Treg Cells. *Cell reports*, 33(1), 108219.

Kolev M, et al. (2020) Diapedesis-Induced Integrin Signaling via LFA-1 Facilitates Tissue Immunity by Inducing Intrinsic Complement C3 Expression in Immune Cells. *Immunity*, 52(3), 513.