

Resource Summary Report

Generated by SPARC SAWG on Aug 10, 2026

LEAF™ Purified anti-mouse CD28

RRID:AB_312877

Type: Antibody

Proper Citation

BioLegend Cat# 102112, RRID:AB_312877

Antibody Information

URL: http://antibodyregistry.org/AB_312877

Proper Citation: BioLegend Cat# 102112, RRID:AB_312877

Target Antigen: CD28

Clonality: monoclonal

Comments: Discontinued: 2020; Applications: FC, IP, IHC, Costim, Block

Antibody Name: LEAF™ Purified anti-mouse CD28

Description: This monoclonal targets CD28

Target Organism: mouse

Clone ID: Clone 37.51

Antibody ID: AB_312877

Vendor: BioLegend

Catalog Number: 102112

Record Creation Time: 20250819T210727+0000

Record Last Update: 20250819T215539+0000

Ratings and Alerts

No rating or validation information has been found for LEAF™ Purified anti-mouse CD28.

Warning: Discontinued: 2020

Discontinued: 2020; Applications: FC, IP, IHC, Costim, Block

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Xie S, et al. (2026) Loss of p53 exacerbates autoimmunity by reprogramming propionyl-CoA metabolism and histone modifications in Treg cells. Cell reports, 45(3), 117084.

Köhne M, et al. (2025) Satb1 directs the differentiation of TH17 cells through suppression of IL-2 expression. Cell reports, 44(7), 115866.

Wu J, et al. (2025) Vitamin B6 preserves the stemness-like phenotypes and antitumor ability of CD8+ T cells. Developmental cell.

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.

Olivera I, et al. (2023) mRNAs encoding IL-12 and a decoy-resistant variant of IL-18 synergize to engineer T cells for efficacious intratumoral adoptive immunotherapy. Cell reports. Medicine, 4(3), 100978.

Reinke S, et al. (2023) Emulsion and liposome-based adjuvanted R21 vaccine formulations mediate protection against malaria through distinct immune mechanisms. Cell reports. Medicine, 4(11), 101245.

Cheng J, et al. (2023) Cancer-cell-derived fumarate suppresses the anti-tumor capacity of CD8+ T cells in the tumor microenvironment. Cell metabolism, 35(6), 961.

Katsuyama T, et al. (2021) Splicing factor SRSF1 is indispensable for regulatory T cell homeostasis and function. Cell reports, 36(1), 109339.

Nanou A, et al. (2021) Endothelial Tpl2 regulates vascular barrier function via JNK-mediated degradation of claudin-5 promoting neuroinflammation or tumor metastasis. Cell reports, 35(8), 109168.

Magod P, et al. (2021) Exploring the longitudinal glioma microenvironment landscape uncovers reprogrammed pro-tumorigenic neutrophils in the bone marrow. Cell reports, 36(5), 109480.

Spiljar M, et al. (2021) Cold exposure protects from neuroinflammation through immunologic reprogramming. Cell metabolism, 33(11), 2231.

De Cicco P, et al. (2020) Modulation of the functions of myeloid-derived suppressor cells : a new strategy of hydrogen sulfide anti-cancer effects. British journal of pharmacology, 177(4), 884.

Kurniawan H, et al. (2020) Glutathione Restricts Serine Metabolism to Preserve Regulatory T Cell Function. *Cell metabolism*, 31(5), 920.

Lian J, et al. (2020) Targeting Lymph Node Niches Enhances Type 1 Immune Responses to Immunization. *Cell reports*, 31(8), 107679.

McCauley ME, et al. (2020) C9orf72 in myeloid cells suppresses STING-induced inflammation. *Nature*, 585(7823), 96.

Opejin A, et al. (2020) A Two-Step Process of Effector Programming Governs CD4⁺ T Cell Fate Determination Induced by Antigenic Activation in the Steady State. *Cell reports*, 33(8), 108424.

Zenke S, et al. (2020) Quorum Regulation via Nested Antagonistic Feedback Circuits Mediated by the Receptors CD28 and CTLA-4 Confers Robustness to T Cell Population Dynamics. *Immunity*, 52(2), 313.

Qi H, et al. (2020) Foxo3 Promotes the Differentiation and Function of Follicular Helper T Cells. *Cell reports*, 31(6), 107621.

Yang BH, et al. (2019) TCF1 and LEF1 Control Treg Competitive Survival and Tfr Development to Prevent Autoimmune Diseases. *Cell reports*, 27(12), 3629.

Jayachandran R, et al. (2019) Disruption of Coronin 1 Signaling in T Cells Promotes Allograft Tolerance while Maintaining Anti-Pathogen Immunity. *Immunity*, 50(1), 152.