

Resource Summary Report

Generated by ASWG on Aug 15, 2026

InVivoMab anti-mouse CD28

RRID:AB_1107628

Type: Antibody

Proper Citation

(Bio X Cell Cat# BE0015-5, RRID:AB_1107628)

Antibody Information

URL: http://antibodyregistry.org/AB_1107628

Proper Citation: (Bio X Cell Cat# BE0015-5, RRID:AB_1107628)

Target Antigen: CD28

Host Organism: armenian hamster

Clonality: monoclonal

Comments: Applications: in vitro T cell stimulation/activation

Antibody Name: InVivoMab anti-mouse CD28

Description: This monoclonal targets CD28

Target Organism: mouse

Clone ID: clone PV-1

Antibody ID: AB_1107628

Vendor: Bio X Cell

Catalog Number: BE0015-5

Alternative Catalog Numbers: BE0015-5-5MG, BE0015-5-50MG, BE0015-5-1MG, BE0015-5-100MG, BE0015-5-25MG

Record Creation Time: 20260114T193312+0000

Record Last Update: 20260623T051054+0000

Ratings and Alerts

No rating or validation information has been found for InVivoMab anti-mouse CD28.

No alerts have been found for InVivoMab anti-mouse CD28.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Shalita R, et al. (2026) Localized PD-1 CAR T therapy reprograms neuroinflammation. Cell.

Umhoefer JM, et al. (2026) FOXP3 expression depends on cell-type-specific cis-regulatory elements and transcription factor circuitry. Immunity, 59(1), 129.

Mitchell-Flack M, et al. (2026) The ionotropic AMPA receptor contributes to autoimmunity via altered regulatory T cell differentiation. iScience, 29(1), 114267.

Sajani A, et al. (2026) Heterogeneity and plasticity of the naive CD4+ T cell compartment. Cell reports, 45(3), 116980.

Yamada-Hara M, et al. (2025) ROR γ t Inhibition Reduces Protumor Inflammation and Decreases Tumor Growth in Experimental Models of Lung Cancer. Cancer immunology research, 13(9), 1418.

Wang W, et al. (2025) MFGE8 induces anti-PD-1 therapy resistance by promoting extracellular vesicle sorting of PD-L1. Cell reports. Medicine, 6(2), 101922.

Chen C, et al. (2024) Soluble Tim-3 serves as a tumor prognostic marker and therapeutic target for CD8+ T cell exhaustion and anti-PD-1 resistance. Cell reports. Medicine, 5(8), 101686.

Wang T, et al. (2024) The histone lysine methyltransferase MLL1 regulates the activation and functional specialization of regulatory T cells. Cell reports, 43(5), 114222.

Tooley K, et al. (2024) Pan-cancer mapping of single CD8+ T cell profiles reveals a TCF1:CXCR6 axis regulating CD28 co-stimulation and anti-tumor immunity. Cell reports. Medicine, 5(7), 101640.

Lin YH, et al. (2023) Small intestine and colon tissue-resident memory CD8+ T cells exhibit molecular heterogeneity and differential dependence on Eomes. Immunity, 56(1), 207.

Guo M, et al. (2023) Molecular, metabolic, and functional CD4 T cell paralysis in the lymph node impedes tumor control. Cell reports, 42(9), 113047.

Cui K, et al. (2023) Restraint of IFN- γ expression through a distal silencer CNS-28 for tissue homeostasis. *Immunity*, 56(5), 944.

Gu Q, et al. (2023) The splicing isoform Foxp3 $\Delta 2$ differentially regulates tTreg and pTreg homeostasis. *Cell reports*, 42(8), 112877.

Liedmann S, et al. (2022) Localization of a TORC1-eIF4F translation complex during CD8 $^{+}$ T cell activation drives divergent cell fate. *Molecular cell*, 82(13), 2401.

Wang Y, et al. (2021) NAD $^{+}$ supplement potentiates tumor-killing function by rescuing defective TUB-mediated NAMPT transcription in tumor-infiltrated T cells. *Cell reports*, 36(6), 109516.

Matias MI, et al. (2021) Regulatory T cell differentiation is controlled by α KG-induced alterations in mitochondrial metabolism and lipid homeostasis. *Cell reports*, 37(5), 109911.

Wang X, et al. (2020) Febrile Temperature Critically Controls the Differentiation and Pathogenicity of T Helper 17 Cells. *Immunity*, 52(2), 328.

Blumenthal D, et al. (2020) Mouse T cell priming is enhanced by maturation-dependent stiffening of the dendritic cell cortex. *eLife*, 9.

Utey A, et al. (2020) CD28 Regulates Metabolic Fitness for Long-Lived Plasma Cell Survival. *Cell reports*, 31(12), 107815.

Corrado M, et al. (2020) Dynamic Cardiolipin Synthesis Is Required for CD8 $^{+}$ T Cell Immunity. *Cell metabolism*, 32(6), 981.