

Resource Summary Report

Generated by ASWG on Aug 9, 2026

CD28 Monoclonal Antibody (37.51), Functional Grade, eBioscience

RRID:AB_468921

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 16-0281-82, RRID:AB_468921)

Antibody Information

URL: http://antibodyregistry.org/AB_468921

Proper Citation: (Thermo Fisher Scientific Cat# 16-0281-82, RRID:AB_468921)

Target Antigen: CD28

Host Organism: syrian hamster

Clonality: monoclonal

Comments: Applications: Flow, Functional
Consolidation on 1/2020: AB_468921, AB_10113276

Antibody Name: CD28 Monoclonal Antibody (37.51), Functional Grade, eBioscience

Description: This monoclonal targets CD28

Target Organism: mouse

Clone ID: Clone 37.51

Antibody ID: AB_468921

Vendor: Thermo Fisher Scientific

Catalog Number: 16-0281-82

Record Creation Time: 20251216T073912+0000

Record Last Update: 20260225T231426+0000

Ratings and Alerts

No rating or validation information has been found for CD28 Monoclonal Antibody (37.51), Functional Grade, eBioscience.

No alerts have been found for CD28 Monoclonal Antibody (37.51), Functional Grade, eBioscience.

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 [ASWG](#) .

Zhang Y, et al. (2026) Preoperative exercise induces anti-tumor Kupffer cells to prevent surgical stress-promoted colorectal cancer liver metastasis. Cell reports. Medicine, 7(2), 102589.

Dong Z, et al. (2026) Engineering oral commensal nanovaccines to activate mucosal-systemic immune cascades against tumor. Cell host & microbe.

Brown JA, et al. (2026) Gut microbiota promotes immune tolerance at the maternal-fetal interface. Cell, 189(1), 196.

Zheng Z, et al. (2026) In vivo CAR-Tfh cell reprogramming restores tolerance in a mouse model of autoimmune hepatitis. Cell stem cell, 33(4), 589.

Pan J, et al. (2026) Cannabidiol suppresses emergency MDSCs generation by disturbing EEF1B2-mediated C/EBP β protein synthesis in colorectal adenomas. Journal for immunotherapy of cancer, 14(1).

Lisci M, et al. (2026) Functional nutrient-genetic profiling reveals biotin and FBXW7 are essential to bypass glutamine addiction. Molecular cell, 86(5), 901.

Wang Y, et al. (2026) γ -Linolenic acid suppresses Th17 cell differentiation to mitigate allergic rhinitis by binding to Lyn kinase in mast cells. British journal of pharmacology, 183(12), 3234.

Suzuki K, et al. (2026) Targeting the α v β 5 Integrin Modifies the TGF β -Rich Tumor Microenvironment of Pancreatic Cancer. Cancer research, 86(15), 3801.

Sun L, et al. (2026) An SPP1-SOCS1 pathway constrains interferon responses in tumor-associated macrophages and shapes an immunosuppressive tumor microenvironment. Immunity, 59(5), 1422.

Archer D, et al. (2025) A secondary metabolite of *Limosilactobacillus reuteri* R2lc drives strain-specific pathology in a spontaneous mouse model of multiple sclerosis. Cell reports, 44(3), 115321.

Mocholi E, et al. (2025) Glycolytic reprogramming shapes the histone acetylation profile of activated CD4⁺ T cells in juvenile idiopathic arthritis. *Cell reports*, 44(2), 115287.

Godfrey WH, et al. (2025) Phosphoglycerate mutase regulates Treg differentiation through control of serine synthesis and one-carbon metabolism. *eLife*, 14.

Green WD, et al. (2025) Enhancer-driven gene regulatory networks reveal transcription factors governing T cell adaptation and differentiation in the tumor microenvironment. *Immunity*, 58(7), 1725.

Bai L, et al. (2025) Activation of IL-2/IL-2R pathway by *Hedyotis diffusa* polysaccharide improves immunotherapy in colorectal cancer. *International journal of biological macromolecules*, 306(Pt 4), 141013.

Soliman N, et al. (2025) Targeting Intracellular Innate RNA-Sensing Systems Overcomes Resistance to CAR T-cell Therapy in Solid Tumors. *Cancer research*, 85(14), 2679.

Marchingo JM, et al. (2025) PIM kinase control of CD8 T cell protein synthesis and cell trafficking. *eLife*, 13.

Benmebarek MR, et al. (2025) Anti-vascular endothelial growth factor treatment potentiates immune checkpoint blockade through a BAFF- and IL-12-dependent reprogramming of the TME. *Immunity*, 58(4), 926.

Jin WB, et al. (2025) Microbiota-derived bile acids antagonize the host androgen receptor and drive anti-tumor immunity. *Cell*, 188(9), 2336.

Zhang J, et al. (2025) Thymic dendritic cell-derived IL-27p28 promotes the establishment of functional bias against IFN- γ production in newly generated CD4⁺ T cells through STAT1-related epigenetic mechanisms. *eLife*, 13.

Chen D, et al. (2025) DNASE1L3-expressing dendritic cells promote CD8⁺ T cell function and anti-PD-(L)1 therapy efficacy by degrading neutrophil extracellular traps. *Cancer cell*, 43(9), 1758.