

# Resource Summary Report

Generated by PRECISE-TBI on Sep 4, 2026

## CD28 Monoclonal Antibody (37.51), Functional Grade, eBioscience

RRID:AB\_468922

Type: Antibody

### Proper Citation

Thermo Fisher Scientific Cat# 16-0281-85, RRID:AB\_468922

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_468922](http://antibodyregistry.org/AB_468922)

**Proper Citation:** Thermo Fisher Scientific Cat# 16-0281-85, RRID:AB\_468922

**Target Antigen:** CD28

**Host Organism:** syrian hamster

**Clonality:** monoclonal

**Comments:** Applications: Flow, Functional  
Consolidation on 1/2020: AB\_468922, AB\_10113432

**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\_468922

**Vendor:** Thermo Fisher Scientific

**Catalog Number:** 16-0281-85

**Record Creation Time:** 20251216T073621+0000

**Record Last Update:** 20260903T215836+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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 22 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#).

Zhu L, et al. (2026) Bach2 antagonizes leukotriene B4-Ltb4r1-JunB signaling to constrain Tfh13 cell differentiation. Cell reports, 45(4), 117220.

Lim J, et al. (2026) Loss of the autoimmune risk gene TREX1 reveals a convergence of mechanisms promoting immune tolerance loss and antitumor immunity. Science advances, 12(19), eaea6842.

de Blas A, et al. (2026) Enhancing Proteasome Activity in T Cells Alleviates Exhaustion and Improves Antitumor Immunity. Cancer research, 86(12), 2896.

Tabilas C, et al. (2026) Single-cell gene expression and TCR profiling reveal age-related differences in recent thymic emigrants. iScience, 29(5), 115582.

Yu L, et al. (2026) Intestinal dysbiosis exacerbates skin inflammation via microbial metabolite-driven Th2 cell differentiation. Immunity, 59(6), 1545.

Xu Y, et al. (2026) A dysregulated hepcidin-iron axis impairs antiviral immunity and induces lethal liver pathology in neonates. Immunity, 59(1), 79.

Horvat NK, et al. (2026) Loss of miR-29a/b1 Cluster Reprograms the Tumor Microenvironment and Contributes to Immunosuppression in Lung Cancer. Cancer immunology research, 14(6), 974.

Meng X, et al. (2025) CXXC-finger protein 1 associates with FOXP3 to stabilize homeostasis and suppressive functions of regulatory T cells. eLife, 13.

Qin T, et al. (2025) Treg-microglia partnership in the injured spinal cord preserves Treg cell function and regulates microglial cholesterol metabolism. Neuron.

Liu X, et al. (2024) SWI/SNF chromatin remodeling factor BAF60b restrains inflammatory diseases by affecting regulatory T cell migration. Cell reports, 43(7), 114458.

Bauer KC, et al. (2024) The Gut Microbiome Controls Liver Tumors via the Vagus Nerve. bioRxiv : the preprint server for biology.

Wang X, et al. (2024) Cell-intrinsic PD-L1 ablation sustains effector CD8+ T cell responses and promotes antitumor T cell therapy. *Cell reports*, 43(2), 113712.

Wu N, et al. (2024) MerTK+ macrophages promote melanoma progression and immunotherapy resistance through AhR-ALKAL1 activation. *Science advances*, 10(40), eado8366.

Cai X, et al. (2023) Lactate activates the mitochondrial electron transport chain independently of its metabolism. *Molecular cell*, 83(21), 3904.

Kong LR, et al. (2023) Loss of C3a and C5a receptors promotes adipocyte browning and attenuates diet-induced obesity via activating inosine/A2aR pathway. *Cell reports*, 42(2), 112078.

Cao W, et al. (2023) TRIB2 safeguards naive T cell homeostasis during aging. *Cell reports*, 42(3), 112195.

Fernández-García J, et al. (2022) CD8+ T cell metabolic rewiring defined by scRNA-seq identifies a critical role of ASNS expression dynamics in T cell differentiation. *Cell reports*, 41(7), 111639.

Polese B, et al. (2021) Prostaglandin E2 amplifies IL-17 production by ?? T cells during barrier inflammation. *Cell reports*, 36(4), 109456.

Gurusamy D, et al. (2020) Multi-phenotype CRISPR-Cas9 Screen Identifies p38 Kinase as a Target for Adoptive Immunotherapies. *Cancer cell*, 37(6), 818.

Garris CS, et al. (2018) Successful Anti-PD-1 Cancer Immunotherapy Requires T Cell-Dendritic Cell Crosstalk Involving the Cytokines IFN-? and IL-12. *Immunity*, 49(6), 1148.