# Resource Summary Report

Generated by ASWG on Aug 9, 2026

## Ultra-LEAF(TM) Purified anti-mouse CD28

RRID:AB_2810330
Type: Antibody

### Proper Citation

BioLegend Cat# 102121, RRID:AB_2810330

### Antibody Information

**URL:** http://antibodyregistry.org/AB_2810330

**Proper Citation:** BioLegend Cat# 102121, RRID:AB_2810330

**Target Antigen:** CD28

**Host Organism:** syrian hamster

**Clonality:** monoclonal

**Comments:** Applications: FC, IP, IHC-F, Costim, Block

**Antibody Name:** Ultra-LEAF(TM) Purified anti-mouse CD28

**Description:** This monoclonal targets CD28

**Target Organism:** mouse

**Clone ID:** Clone 37.51

**Antibody ID:** AB_2810330

**Vendor:** BioLegend

**Catalog Number:** 102121

**Alternative Catalog Numbers:** 102132, 102131, 102122, 102116, 102115

**Record Creation Time:** 20250820T011410+0000

**Record Last Update:** 20250820T102315+0000

### Ratings and Alerts

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

No alerts have been found for Ultra-LEAF(TM) Purified anti-mouse CD28.

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 17 mentions in open access literature.

**Listed below are recent publications.** The full list is available at ASWG .


Wang X, et al. (2026) Design optimization of antibody-ligand motifs to enhance CAR-T redirection activity against solid tumors. Cell reports. Medicine, 7(7), 102885.

Rao Y, et al. (2025) Pyrimidine synthesis enzyme CTP synthetase 1 suppresses antiviral interferon induction by deamidating IRF3. Immunity, 58(1), 74.

Zhong X, et al. (2025) Protocol for CRISPR-mediated deletion of cis-regulatory element in murine Th17 cells for in vivo assessment of effector function. STAR protocols, 6(2), 103831.

Li H, et al. (2025) In Situ Delivery of Gasdermin E mRNA Promotes Antitumor Immunity via Creatine-Elicited Type I Interferon Signaling in Monocytes. Cancer immunology research, 13(6), 939.

Stahl D, et al. (2025) CSF1R+ myeloid-monocytic cells drive CAR-T cell resistance in aggressive B cell lymphoma. Cancer cell, 43(8), 1476.

Zhong X, et al. (2024) Distinct ROR?t-dependent Th17 immune responses are required for autoimmune pathogenesis and protection against bacterial infection. Cell reports, 43(11), 114951.

Yang Y, et al. (2024) Dietary vitamin B3 supplementation induces the antitumor immunity against liver cancer via biased GPR109A signaling in myeloid cell. Cell reports. Medicine, 5(9), 101718.

Xia M, et al. (2024) Elevated IL-22 as a result of stress-induced gut leakage suppresses septal neuron activation to ameliorate anxiety-like behavior. Immunity.

Zhou X, et al. (2023) MHC class II regulation of CD8+ T cell tolerance and implications in autoimmunity and cancer immunotherapy. Cell reports, 42(11), 113452.

Okamoto M, et al. (2023) A genetic method specifically delineates Th1-type Treg cells and their roles in tumor immunity. Cell reports, 42(7), 112813.

Tibbs TN, et al. (2023) Mice with FVB-derived sequence on chromosome 17 succumb to disseminated virus infection due to aberrant NK cell and T cell responses. iScience, 26(11), 108348.

Huang TY, et al. (2023) Phosphoenolpyruvate regulates the Th17 transcriptional program and inhibits autoimmunity. Cell reports, 42(3), 112205.

He K, et al. (2023) Gasdermin D licenses MHCII induction to maintain food tolerance in small intestine. Cell, 186(14), 3033.

Zhang Y, et al. (2023) CD39 inhibition and VISTA blockade may overcome radiotherapy resistance by targeting exhausted CD8+ T cells and immunosuppressive myeloid cells. Cell reports. Medicine, 4(8), 101151.

Chen C, et al. (2022) Vitamin B5 rewires Th17 cell metabolism via impeding PKM2 nuclear translocation. Cell reports, 41(9), 111741.

Sobecki M, et al. (2022) Vaccination-based immunotherapy to target profibrotic cells in liver and lung. Cell stem cell, 29(10), 1459.

Lötscher J, et al. (2022) Magnesium sensing via LFA-1 regulates CD8+ T cell effector function. Cell, 185(4), 585.