Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 3, 2025

InVivoPlus anti-mouse CD154 (CD40L)

RRID:AB_1107601
Type: Antibody

Proper Citation

(Bio X Cell Cat# BE0017-1, RRID:AB_1107601)

Antibody Information

URL: http://antibodyregistry.org/AB_1107601

Proper Citation: (Bio X Cell Cat# BE0017-1, RRID:AB_1107601)

Target Antigen: CD40L (CD154)

Host Organism: armenian hamster

Clonality: monoclonal

Comments: Applications: in vivo blocking of CD40/CD40L signaling, in vitro blocking of CD40/CD40L signaling
Consolidation on 12/2021: AB_1107601, AB_2894788.

Antibody Name: InVivoPlus anti-mouse CD154 (CD40L)

Description: This monoclonal targets CD40L (CD154)

Target Organism: mouse

Clone ID: clone MR-1

Antibody ID: AB_1107601

Vendor: Bio X Cell

Catalog Number: BE0017-1

Alternative Catalog Numbers: BE0017-1-100MG, BP0017-1-25MG, BE0017-1-5MG, BE0017-1-1MG, BE0017-1-50MG, BE0017-1-25MG, BP0017-1-100MG, BP0017-1-5MG, BP0017-1-50MG

Record Creation Time: 20231110T031700+0000

Record Last Update: 20240725T031515+0000

Ratings and Alerts

No rating or validation information has been found for InVivoPlus anti-mouse CD154 (CD40L).

No alerts have been found for InVivoPlus anti-mouse CD154 (CD40L).

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 FDI Lab - SciCrunch.org.

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.

Memon D, et al. (2024) Clinical and molecular features of acquired resistance to immunotherapy in non-small cell lung cancer. Cancer cell, 42(2), 209.

Meng H, et al. (2024) ZG16 enhances the maturation of dendritic cells via induction of CD40 and contributes to the antitumor immunity in pancreatic cancer. Oncogene, 43(43), 3184.

Englebert K, et al. (2024) The CD27/CD70 pathway negatively regulates visceral adipose tissue-resident Th2 cells and controls metabolic homeostasis. Cell reports, 43(3), 113824.

Fike AJ, et al. (2023) STAT3 signaling in B cells controls germinal center zone organization and recycling. Cell reports, 42(5), 112512.

Gungabeesoon J, et al. (2023) A neutrophil response linked to tumor control in immunotherapy. Cell, 186(7), 1448.

Pioli KT, et al. (2023) Thymus antibody-secreting cells possess an interferon gene signature and are preferentially expanded in young female mice. iScience, 26(3), 106223.

Patterson MT, et al. (2023) Tumor-specific CD4 T cells instruct monocyte fate in pancreatic ductal adenocarcinoma. Cell reports, 42(7), 112732.

Leca J, et al. (2023) IDH2 and TET2 mutations synergize to modulate T Follicular Helper cell functional interaction with the AITL microenvironment. Cancer cell, 41(2), 323.

Ma C, et al. (2022) Platelets control liver tumor growth through P2Y12-dependent CD40L release in NAFLD. Cancer cell, 40(9), 986.

MacLean AJ, et al. (2022) Secondary influenza challenge triggers resident memory B cell migration and rapid relocation to boost antibody secretion at infected sites. Immunity, 55(4), 718.

Ambro?kiewicz KA, et al. (2022) Murine glial progenitor cells transplantation and synthetic PreImplantation Factor (sPIF) reduces inflammation and early motor impairment in ALS mice. Scientific reports, 12(1), 4016.

Gregoire C, et al. (2022) Viral infection engenders bona fide and bystander subsets of lung-resident memory B cells through a permissive mechanism. Immunity, 55(7), 1216.

Jing Z, et al. (2022) Germinal center expansion but not plasmablast differentiation is proportional to peptide-MHCII density via CD40-CD40L signaling strength. Cell reports, 39(5), 110763.

Kozlowska U, et al. (2021) Assessment of Immunological Potential of Glial Restricted Progenitor Graft In Vivo-Is Immunosuppression Mandatory? Cells, 10(7).

Mandal RK, et al. (2021) Dynamic modulation of spleen germinal center reactions by gut bacteria during Plasmodium infection. Cell reports, 35(6), 109094.

Waide ML, et al. (2020) Gut Microbiota Composition Modulates the Magnitude and Quality of Germinal Centers during Plasmodium Infections. Cell reports, 33(11), 108503.

Venturutti L, et al. (2020) TBL1XR1 Mutations Drive Extranodal Lymphoma by Inducing a Pro-tumorigenic Memory Fate. Cell, 182(2), 297.

Béguelin W, et al. (2020) Mutant EZH2 Induces a Pre-malignant Lymphoma Niche by Reprogramming the Immune Response. Cancer cell, 37(5), 655.

George BM, et al. (2019) Antibody Conditioning Enables MHC-Mismatched Hematopoietic Stem Cell Transplants and Organ Graft Tolerance. Cell stem cell, 25(2), 185.