

Resource Summary Report

Generated by ASWG on Aug 9, 2026

IRF-4 (M-17)

RRID:AB_2127145

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-6059, RRID:AB_2127145

Antibody Information

URL: http://antibodyregistry.org/AB_2127145

Proper Citation: Santa Cruz Biotechnology Cat# sc-6059, RRID:AB_2127145

Target Antigen: IRF4

Host Organism: goat

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: IRF-4 (M-17)

Description: This polyclonal targets IRF4

Target Organism: rat, mouse, human

Clone ID: M-17

Antibody ID: AB_2127145

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-6059

Record Creation Time: 20250819T221730+0000

Record Last Update: 20250820T014351+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: C2712 is available under ENCODE ID: ENCAB381TZP - ENCODE
<https://www.encodeproject.org/antibodies/ENCAB381TZP>

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Diehl C, et al. (2024) Hyperreactive B cells instruct their elimination by T cells to curb autoinflammation and lymphomagenesis. Immunity.

Bolomsky A, et al. (2024) IRF4 requires ARID1A to establish plasma cell identity in multiple myeloma. Cancer cell, 42(7), 1185.

Yan H, et al. (2023) The transcription factor IRF4 determines the anti-tumor immunity of CD8+ T cells. iScience, 26(11), 108087.

Zhao Y, et al. (2022) "Stripe" transcription factors provide accessibility to co-binding partners in mammalian genomes. Molecular cell, 82(18), 3398.

Li Z, et al. (2021) Acetyl-CoA Synthetase 2: A Critical Linkage in Obesity-Induced Tumorigenesis in Myeloma. Cell metabolism, 33(1), 78.

Bosteels C, et al. (2020) Inflammatory Type 2 cDCs Acquire Features of cDC1s and Macrophages to Orchestrate Immunity to Respiratory Virus Infection. Immunity, 52(6), 1039.

Bosisio FM, et al. (2020) Functional heterogeneity of lymphocytic patterns in primary melanoma dissected through single-cell multiplexing. eLife, 9.

Roy K, et al. (2019) A Regulatory Circuit Controlling the Dynamics of NF κ B cRel Transitions B Cells from Proliferation to Plasma Cell Differentiation. Immunity, 50(3), 616.

Nakagawa M, et al. (2018) Targeting the HTLV-I-Regulated BATF3/IRF4 Transcriptional Network in Adult T Cell Leukemia/Lymphoma. *Cancer cell*, 34(2), 286.

Ogawa C, et al. (2018) Blimp-1 Functions as a Molecular Switch to Prevent Inflammatory Activity in Foxp3+ROR γ t+ Regulatory T Cells. *Cell reports*, 25(1), 19.

Brescia P, et al. (2018) MEF2B Instructs Germinal Center Development and Acts as an Oncogene in B Cell Lymphomagenesis. *Cancer cell*, 34(3), 453.

Cheung KL, et al. (2017) Distinct Roles of Brd2 and Brd4 in Potentiating the Transcriptional Program for Th17 Cell Differentiation. *Molecular cell*, 65(6), 1068.

Wu J, et al. (2017) Ablation of Transcription Factor IRF4 Promotes Transplant Acceptance by Driving Allogeneic CD4+ T Cell Dysfunction. *Immunity*, 47(6), 1114.