

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

BATF-human

RRID:AB_11141425

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 8638, RRID:AB_11141425

Antibody Information

URL: http://antibodyregistry.org/AB_11141425

Proper Citation: Cell Signaling Technology Cat# 8638, RRID:AB_11141425

Target Antigen: BATF

Host Organism: rabbit

Clonality: monoclonal

Comments: ENCODE PROJECT External validation DATA SET is released testing lot 1 for MCF-7; status is not eligible for new data

Antibody Name: BATF-human

Description: This monoclonal targets BATF

Target Organism: homo sapiens

Antibody ID: AB_11141425

Vendor: Cell Signaling Technology

Catalog Number: 8638

Record Creation Time: 20250819T233438+0000

Record Last Update: 20250820T054600+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 1 is available under ENCODE ID: ENCAB530JSM - ENCODE

No alerts have been found for BATF-human.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Murakami R, et al. (2026) Foxp3 and BATF cooperatively direct cis-regulatory programs and gene expression for effector Treg cell differentiation. *Immunity*, 59(5), 1253.

Fujisawa S, et al. (2025) The transcription factor BATF pioneers the differentiation program of effector CD8⁺ T cells through the interaction with IRF4. *Cell reports*, 44(8), 116129.

Niekamp P, et al. (2025) The Nuclear Receptor NR1B1/RAR α Arrests the Differentiation of Anti-Tumor Effector Cytotoxic T Cells. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(17), e2410241.

Hirsch T, et al. (2024) IRF4 impedes human CD8 T cell function and promotes cell proliferation and PD-1 expression. *Cell reports*, 43(7), 114401.

Simon M, et al. (2024) Single-cell chromatin accessibility and transposable element landscapes reveal shared features of tissue-residing immune cells. *Immunity*, 57(8), 1975.

Van Der Byl W, et al. (2024) The CD8⁺ T cell tolerance checkpoint triggers a distinct differentiation state defined by protein translation defects. *Immunity*, 57(6), 1324.

Huseni MA, et al. (2023) CD8⁺ T cell-intrinsic IL-6 signaling promotes resistance to anti-PD-L1 immunotherapy. *Cell reports. Medicine*, 4(1), 100878.

Buchacher T, et al. (2023) PIM kinases regulate early human Th17 cell differentiation. *Cell reports*, 42(12), 113469.

Zhang X, et al. (2022) Depletion of BATF in CAR-T cells enhances antitumor activity by inducing resistance against exhaustion and formation of central memory cells. *Cancer cell*, 40(11), 1407.

Delacher M, et al. (2021) Single-cell chromatin accessibility landscape identifies tissue repair program in human regulatory T cells. *Immunity*, 54(4), 702.

Zander R, et al. (2019) CD4⁺ T Cell Help Is Required for the Formation of a Cytolytic CD8⁺ T Cell Subset that Protects against Chronic Infection and Cancer. *Immunity*, 51(6), 1028.

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.

Hayatsu N, et al. (2017) Analyses of a Mutant Foxp3 Allele Reveal BATF as a Critical Transcription Factor in the Differentiation and Accumulation of Tissue Regulatory T Cells. *Immunity*, 47(2), 268.

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