

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

FLAG-synthetic

RRID:AB_2616449

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# F2426, RRID:AB_2616449

Antibody Information

URL: http://antibodyregistry.org/AB_2616449

Proper Citation: Sigma-Aldrich Cat# F2426, RRID:AB_2616449

Target Antigen: FLAG

Host Organism: mouse

Clonality: unknown

Comments: ENCODE PROJECT External validation DATA SET is released testing lot unknown for any cell type or tissues; status is awaiting lab characterization

Antibody Name: FLAG-synthetic

Description: This unknown targets FLAG

Target Organism: synthetic

Antibody ID: AB_2616449

Vendor: Sigma-Aldrich

Catalog Number: F2426

Alternative Catalog Numbers: ENCAB507IEN

Record Creation Time: 20231110T034922+0000

Record Last Update: 20260831T223002+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: unknown is available under ENCODE ID: ENCAB507IEN - ENCODE <https://www.encodeproject.org/antibodies/ENCAB507IEN>

No alerts have been found for FLAG-synthetic.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 42 mentions in open access literature.

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

Pachano T, et al. (2026) Systematic discovery of pathogen effector functions across human pathogens and pathways. *Cell*.

Clayfield L, et al. (2026) Retinal determination network reactivation drives chemoresistance and blocks myeloid differentiation in acute myeloid leukemia. *Cell reports*, 45(2), 116875.

Llorente-González C, et al. (2026) MYH9 mutations differentially stabilize non-muscle myosin II filaments and induce distinct cellular aggregation phenotypes. *Cellular and molecular life sciences : CMLS*, 83(1).

Wood DJ, et al. (2025) Epigenetic Control of an Auxiliary Subunit of Voltage-Gated Sodium Channels Regulates the Strength of Drug-Cue Associations and Relapse-Like Cocaine Seeking. *Biological psychiatry*, 98(8), 597.

Gracia B, et al. (2025) HSP90 buffers deleterious genetic variations in BRCA1. *Molecular cell*, 85(23), 4365.

Katz M, et al. (2025) pH-induced conformational changes and inhibition of the Lassa virus spike complex. *Cell host & microbe*, 33(9), 1577.

Thapa N, et al. (2024) A p85 isoform switch enhances PI3K activation on endosomes by a MAP4- and PI3P-dependent mechanism. *Cell reports*, 43(5), 114119.

Gracia B, et al. (2024) Protein-folding chaperones predict structure-function relationships and cancer risk in BRCA1 mutation carriers. *Cell reports*, 43(2), 113803.

Germani S, et al. (2024) SEPN1-related myopathy depends on the oxidoreductase ERO1A and is druggable with the chemical chaperone TUDCA. *Cell reports. Medicine*, 5(3), 101439.

Zhu L, et al. (2024) Ebola virus sequesters IRF3 in viral inclusion bodies to evade host antiviral immunity. *eLife*, 12.

Ko A, et al. (2023) LZTR1 Mutation Mediates Oncogenesis through Stabilization of EGFR and AXL. *Cancer discovery*, 13(3), 702.

He H, et al. (2023) PRDM3/16 Regulate Chromatin Accessibility Required for NKX2-1 Mediated Alveolar Epithelial Differentiation and Function. *bioRxiv : the preprint server for biology*.

Ross FA, et al. (2023) Frequent loss-of-function mutations in the AMPK- α 2 catalytic subunit suggest a tumour suppressor role in human skin cancers. *The Biochemical journal*, 480(23), 1951.

Polenkowski M, et al. (2023) THOC5 complexes with DDX5, DDX17, and CDK12 to regulate R loop structures and transcription elongation rate. *iScience*, 26(1), 105784.

Qiu X, et al. (2023) The tetraspan LHFPL5 is critical to establish maximal force sensitivity of the mechanotransduction channel of cochlear hair cells. *Cell reports*, 42(3), 112245.

Yu X, et al. (2022) Spatial definition of the human progesterone receptor-B transcriptional complex. *iScience*, 25(11), 105321.

Lauressergues D, et al. (2022) Characterization of plant microRNA-encoded peptides (miPEPs) reveals molecular mechanisms from the translation to activity and specificity. *Cell reports*, 38(6), 110339.

Alerasool N, et al. (2022) Identification and functional characterization of transcriptional activators in human cells. *Molecular cell*, 82(3), 677.

Martynova NY, et al. (2021) Using RNA-binding proteins for immunoprecipitation of mRNAs from *Xenopus laevis* embryos. *STAR protocols*, 2(2), 100552.

Brûlé E, et al. (2021) TGFBR3L is an inhibin B co-receptor that regulates female fertility. *Science advances*, 7(51), eabl4391.