

Resource Summary Report

Generated by PRECISE-TBI on Aug 10, 2026

Rab5 (E6N8S) Mouse mAb

RRID:AB_2799303

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 46449, RRID:AB_2799303

Antibody Information

URL: http://antibodyregistry.org/AB_2799303

Proper Citation: Cell Signaling Technology Cat# 46449, RRID:AB_2799303

Target Antigen: RAB5A

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC

Antibody Name: Rab5 (E6N8S) Mouse mAb

Description: This monoclonal targets RAB5A

Target Organism: h, m, r, mk

Clone ID: Clone E6N8S

Antibody ID: AB_2799303

Vendor: Cell Signaling Technology

Catalog Number: 46449

Record Creation Time: 20250819T234140+0000

Record Last Update: 20250820T060734+0000

Ratings and Alerts

No rating or validation information has been found for Rab5 (E6N8S) Mouse mAb.

No alerts have been found for Rab5 (E6N8S) Mouse mAb.

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 [PRECISE-TBI](#) .

Wetterwald L, et al. (2026) MYCT1-IFITM2/3 interaction links endothelial endolysosomal trafficking to white adipose tissue expansion. *The Journal of experimental medicine*, 223(5).

Steinbach A, et al. (2026) Canonical and phosphoribosyl ubiquitination coordinate to stabilize a proteinaceous structure surrounding the Legionella-containing vacuole. *eLife*, 14.

Castellano M, et al. (2025) Ribonuclease activity undermines immune sensing of naked extracellular RNA. *Cell genomics*, 5(5), 100874.

Shao W, et al. (2025) Endolysosomal dysfunction impairs proteostasis and induces neurodegeneration in vivo. *iScience*, 28(10), 113460.

Fitzsimons LA, et al. (2024) CD2AP is Co-Expressed with Tropomyosin-Related Kinase A and Ras-Related Protein Rab-5A in Cholinergic Neurons of the Murine Basal Forebrain. *bioRxiv : the preprint server for biology*.

Hall ET, et al. (2024) Cytoneme signaling provides essential contributions to mammalian tissue patterning. *Cell*, 187(2), 276.

Guo F, et al. (2024) CircARAP2 controls sMICA-induced NK cell desensitization by erasing CTCF/PRC2-induced suppression in early endosome marker RAB5A. *Cellular and molecular life sciences : CMLS*, 81(1), 307.

Toh SY, et al. (2024) Therapeutic application of extracellular vesicular EGFR isoform D as a co-drug to target squamous cell cancers with tyrosine kinase inhibitors. *Developmental cell*, 59(16), 2189.

Rinaldi C, et al. (2023) Dissecting the effects of GTPase and kinase domain mutations on LRRK2 endosomal localization and activity. *Cell reports*, 42(5), 112447.

Yiu SPT, et al. (2023) An Epstein-Barr virus protein interaction map reveals NLRP3 inflammasome evasion via MAVS UFMylation. *Molecular cell*, 83(13), 2367.

Ruivo CF, et al. (2022) Extracellular Vesicles from Pancreatic Cancer Stem Cells Lead an Intratumor Communication Network (EVNet) to fuel tumour progression. *Gut*, 71(10), 2043.

Vasudevan SO, et al. (2022) A TLR4-independent critical role for CD14 in intracellular LPS sensing. *Cell reports*, 39(5), 110755.

Kaneshiro N, et al. (2022) Lipid flippase dysfunction as a therapeutic target for endosomal anomalies in Alzheimer's disease. *iScience*, 25(3), 103869.

Pan M, et al. (2021) Interactome analysis reveals endocytosis and membrane recycling of EpCAM during differentiation of embryonic stem cells and carcinoma cells. *iScience*, 24(10), 103179.

Cabana VC, et al. (2021) RNF13 Dileucine Motif Variants L311S and L312P Interfere with Endosomal Localization and AP-3 Complex Association. *Cells*, 10(11).

Narayan P, et al. (2020) PICALM Rescues Endocytic Defects Caused by the Alzheimer's Disease Risk Factor APOE4. *Cell reports*, 33(1), 108224.

Wang TS, et al. (2020) Endolysosomal Targeting of Mitochondria Is Integral to BAX-Mediated Mitochondrial Permeabilization during Apoptosis Signaling. *Developmental cell*, 53(6), 627.