Resource Summary Report

Generated by NIF on Aug 30, 2026

Insulin (C27C9) Rabbit mAb

RRID:AB_2126503
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3014, RRID:AB_2126503

Antibody Information

URL: http://antibodyregistry.org/AB_2126503

Proper Citation: Cell Signaling Technology Cat# 3014, RRID:AB_2126503

Target Antigen: Insulin (C27C9) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: IHC-P, IF-F, IF-IC, F

Antibody Name: Insulin (C27C9) Rabbit mAb

Description: This monoclonal targets Insulin (C27C9) Rabbit mAb

Target Organism: rat, h, m, mouse, r, human

Antibody ID: AB_2126503

Vendor: Cell Signaling Technology

Catalog Number: 3014

Alternative Catalog Numbers: 3014S

Record Creation Time: 20250820T051552+0000

Record Last Update: 20250820T211112+0000

Ratings and Alerts

- Used for cytometry time of flight assay by the Human Islet Research Network community. Contact(s): Clive Wasserfall, Irina Kusmartseva, Harry Nick, Fabrizio Thorel, Pedro Herrera, Mark Atkinson, Bernd Bodenmiller - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for Insulin (C27C9) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 41 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Wang S, et al. (2026) Xenophagocytosis blockade enhances interspecies chimerism. Cell.

Lieb WS, et al. (2026) Protein kinase D deficiency induces a senescence-like phenotype in ?-cells and improves glucose and insulin tolerance under high-fat diet conditions. Molecular metabolism, 103, 102297.

Walth-Hummel AA, et al. (2026) TBL1X/TBL1XR1 govern ?-cell identity through a PAX6-containing gene regulatory network. Nature communications, 17(1).

Capozzi ME, et al. (2025) ? Cell G?s signaling is critical for physiological and pharmacological enhancement of insulin secretion. The Journal of clinical investigation, 135(16).

Li H, et al. (2025) Disrupting AGR2/IGF1 paracrine and reciprocal signaling for pancreatic cancer therapy. Cell reports. Medicine, 6(2), 101927.

Syed F, et al. (2025) Pharmacological inhibition of tyrosine protein-kinase 2 reduces islet inflammation and delays type 1 diabetes onset in mice. EBioMedicine, 117, 105734.

Walkey CJ, et al. (2025) A comprehensive atlas of AAV tropism in the mouse. Molecular therapy : the journal of the American Society of Gene Therapy, 33(3), 1282.

Walkey CJ, et al. (2024) A Comprehensive Atlas of AAV Tropism in the Mouse. bioRxiv : the preprint server for biology.

Rakshit K, et al. (2024) Core circadian transcription factor Bmal1 mediates ? cell response and recovery from pro-inflammatory injury. iScience, 27(11), 111179.

Lo CH, et al. (2024) Acidic Nanoparticles Restore Lysosomal Acidification and Rescue Metabolic Dysfunction in Pancreatic ?-Cells under Lipotoxic Conditions. ACS nano, 18(24), 15452.

Gurlo T, et al. (2024) Dysregulation of cholesterol homeostasis is an early signal of ?-cell proteotoxicity characteristic of type 2 diabetes. Physiological genomics, 56(9), 621.

Kuo TL, et al. (2023) ARID1A loss in pancreas leads to islet developmental defect and metabolic disturbance. iScience, 26(1), 105881.

Viloria K, et al. (2023) GC-Globulin/Vitamin D-Binding Protein Is Required for Pancreatic ? -Cell Adaptation to Metabolic Stress. Diabetes, 72(2), 275.

Sekiya M, et al. (2023) Loss of CtBP2 may be a mechanistic link between metabolic derangements and progressive impairment of pancreatic ? cell function. Cell reports, 42(8), 112914.

Chen H, et al. (2023) Protocol for in vivo and ex vivo assessment of hyperglycemia and islet function in diabetic mice. STAR protocols, 4(1), 102133.

Iida H, et al. (2023) SERCA2 regulates proinsulin processing and processing enzyme maturation in pancreatic beta cells. Diabetologia, 66(11), 2042.

Tixi W, et al. (2023) Coordination between ECM and cell-cell adhesion regulates the development of islet aggregation, architecture, and functional maturation. eLife, 12.

Mazucanti CH, et al. (2023) AAV5-mediated manipulation of insulin expression in choroid plexus has long-term metabolic and behavioral consequences. Cell reports, 42(8), 112903.

Szlachcic WJ, et al. (2022) SARS-CoV-2 infects an in vitro model of the human developing pancreas through endocytosis. iScience, 25(7), 104594.

Ramakrishnan G, et al. (2022) NF1 loss of function as an alternative initiating event in pancreatic ductal adenocarcinoma. Cell reports, 41(6), 111623.