

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

Insulin

RRID:AB_10013624

Type: Antibody

Proper Citation

(Agilent Cat# A0564, RRID:AB_10013624)

Antibody Information

URL: http://antibodyregistry.org/AB_10013624

Proper Citation: (Agilent Cat# A0564, RRID:AB_10013624)

Target Antigen: Porcine pancreatic insulin

Host Organism: guinea pig

Clonality: polyclonal

Comments: Used By NYUIHC-1248. Original Manufacturer: Dako. Now part of Agilent. Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Insulin

Description: This polyclonal targets Porcine pancreatic insulin

Antibody ID: AB_10013624

Vendor: Agilent

Catalog Number: A0564

Record Creation Time: 20250819T222849+0000

Record Last Update: 20250904T231946+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Insulin.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 131 mentions in open access literature.

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

Varela M, et al. (2026) Oxygen and glucose supplementation increases rates of linear growth and cell proliferation in growth-restricted fetal sheep. *The Journal of physiology*, 604(7), 2778.

Barmaver SN, et al. (2026) Heterogeneous expression patterns of the T2D-associated kinesin-4 KIF21A in pancreatic islet endocrine cells. *Molecular metabolism*, 110, 102408.

Sakata N, et al. (2026) The Japanese Macaque as a Diabetes Recipient Animal Model for Porcine Islet Xenotransplantation. *MedComm*, 7(4), e70726.

McKimpson WM, et al. (2026) Activation of a Yap1-mesenchymal-like program in β -cells during diabetes. *Cell reports*, 45(7), 117596.

Hu R, et al. (2026) Diabetes-associated MYT1 and ST18 genes regulate human beta cell insulin secretion and survival via other diabetes risk genes. *Diabetologia*, 69(9), 2554.

Bellofatto K, et al. (2026) Implantable vascularized endocrine constructs for clinically scalable insulin delivery. *Trends in biotechnology*.

Kumar S, et al. (2026) A distinct vagus-beta cell neural circuit senses glucose and modulates insulin secretion. *Molecular metabolism*, 108, 102371.

Arunagiri A, et al. (2026) Limiting ER-associated degradation capacity triggers acute and chronic effects on insulin biosynthesis. *The Journal of clinical investigation*, 136(2).

Tong Y, et al. (2026) A new form of diabetes caused by INS mutations defined by zygosity, stem cell and population data. *EMBO molecular medicine*, 18(2), 620.

Sayers SR, et al. (2026) eNAMPT induces alpha-cell mass expansion but impaired glucagon counter regulatory response. *Endocrinology*, 167(7).

Ghosh S, et al. (2025) Hepatic and Pancreatic Cellular Response to Early Life Nutritional Mismatch. *Endocrinology*, 166(3).

Vandana JJ, et al. (2025) ChemPerturb-seq screen identifies a small molecule cocktail enhancing human beta cell survival after subcutaneous transplantation. *Cell stem cell*, 32(8), 1299.

Arunagiri A, et al. (2025) Quantification of Folded and Misfolded Proinsulin Forms Using Nonreducing SDS-PAGE and Proinsulin-Specific Immunoblotting. *Bio-protocol*, 15(11), e5337.

Jun Y, et al. (2025) Engineered vasculature induces functional maturation of pluripotent stem cell-derived islet organoids. *Developmental cell*.

Tiemann U, et al. (2025) Pancreatic alpha and beta cell fate choice is directed by apical-basal polarity dynamics. *Developmental cell*, 60(13), 1871.

Huang X, et al. (2025) Ductal or Ngn3+ cells do not contribute to adult pancreatic islet beta-cell neogenesis in homeostasis. *The EMBO journal*, 44(10), 2856.

Schiesser JV, et al. (2025) LY6H is a marker of human pancreatic delta cells. *Scientific reports*, 15(1), 33011.

Clarke D, et al. (2025) A vascular-associated fibroblastic cell controls pancreatic islet immunity. *Cell reports*, 44(9), 116189.

D'Oliveira Albanus R, et al. (2025) Integrative single-cell multi-omics profiling of human pancreatic islets identifies T1D-associated genes and regulatory signals. *Cell reports*, 44(8), 116065.

Bernardo E, et al. (2025) HNF1A and A1CF coordinate a beta cell transcription-splicing axis that is disrupted in type 2 diabetes. *Cell metabolism*, 37(9), 1870.