Resource Summary Report

Generated by RRID on Aug 10, 2026

Human/Mouse/Bovine Insulin Antibody

RRID:AB_2126533
Type: Antibody

Proper Citation

R and D Systems Cat# MAB1417, RRID:AB_2126533

Antibody Information

URL: http://antibodyregistry.org/AB_2126533

Proper Citation: R and D Systems Cat# MAB1417, RRID:AB_2126533

Target Antigen: Insulin

Host Organism: Rat

Clonality: monoclonal

Comments: Applications: Immunohistochemistry, Intracellular Staining by Flow Cytometry, Immunocytochemistry, CyTOF-ready

Antibody Name: Human/Mouse/Bovine Insulin Antibody

Description: This monoclonal targets Insulin

Target Organism: mouse, humanmousebovine, bovine, human

Clone ID: 182410

Antibody ID: AB_2126533

Vendor: R and D Systems

Catalog Number: MAB1417

Alternative Catalog Numbers: MAB1417-SP

Record Creation Time: 20250820T021020+0000

Record Last Update: 20250820T125246+0000

Ratings and Alerts

- Used for immunocytochemistry by the Human Islet Research Network community. Contact(s): Jing Hughes - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for Human/Mouse/Bovine Insulin Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Cao H, et al. (2026) Global Sirt5 deletion reshapes gut microbiota and impairs glucose metabolism in high-fat diet-induced obese mice. Biochemical and biophysical research communications, 795, 153095.

Rui J, et al. (2026) Tet2 modulates ER stress responses related to ?-cell death and autoimmunity in diabetes. iScience, 29(3), 114818.

Kong W, et al. (2025) Neuroendocrine cells orchestrate regeneration through Desert hedgehog signaling. Cell, 188(18), 5020.

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

Salas-Escabillas DJ, et al. (2024) Tuft cells transdifferentiate to neural-like progenitor cells in the progression of pancreatic cancer. Developmental cell.

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.

Adamson SE, et al. (2023) Beta cell primary cilia mediate somatostatin responsiveness via SSTR3. Islets, 15(1), 2252855.

Zhang X, et al. (2022) IL18 signaling causes islet ? cell development and insulin secretion via different receptors on acinar and ? cells. Developmental cell, 57(12), 1496.

Alvarsson A, et al. (2021) Optical Clearing and 3D Analysis Optimized for Mouse and Human Pancreata. Bio-protocol, 11(15), e4103.

Fang Z, et al. (2019) Single-Cell Heterogeneity Analysis and CRISPR Screen Identify Key ?-Cell-Specific Disease Genes. Cell reports, 26(11), 3132.

De Toni L, et al. (2019) SHBG141-161 Domain-Peptide Stimulates GPRC6A-Mediated Response in Leydig and ?-Langerhans cell lines. Scientific reports, 9(1), 19432.

Himuro M, et al. (2019) Cellular Autophagy in ? Cells Plays a Role in the Maintenance of Islet Architecture. Journal of the Endocrine Society, 3(11), 1979.