Resource Summary Report

Generated by RRID on Jul 8, 2024

Mouse Anti-Insulin Monoclonal Antibody, Unconjugated, Clone K36AC10

RRID:AB_260137
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# I2018, RRID:AB_260137)

Antibody Information

URL: http://antibodyregistry.org/AB_260137

Proper Citation: (Sigma-Aldrich Cat# I2018, RRID:AB_260137)

Target Antigen: Insulin

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: Immunohistochemistry; Western Blot; Dot blot, Immunohistochemistry (formalin-fixed, paraffin-embedded)

Antibody Name: Mouse Anti-Insulin Monoclonal Antibody, Unconjugated, Clone K36AC10

Description: This monoclonal targets Insulin

Target Organism: bovine, canine, feline, horse, human, porcine, rabbit, rat, sheep, simian, human, bovine, horse, sheep, monkey, pig, canine, feline, rabbit, rat

Clone ID: Clone K36AC10

Antibody ID: AB_260137

Vendor: Sigma-Aldrich

Catalog Number: I2018

Record Creation Time: 20231110T045127+0000

Record Last Update: 20240531T012053+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Insulin Monoclonal Antibody, Unconjugated, Clone K36AC10.

No alerts have been found for Mouse Anti-Insulin Monoclonal Antibody, Unconjugated, Clone K36AC10.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Fang Y, et al. (2024) Cytosolic pH is a direct nexus in linking environmental cues with insulin processing and secretion in pancreatic ? cells. Cell metabolism.

Wang K, et al. (2023) Glucagon receptor blockage inhibits ?-cell dedifferentiation through FoxO1. American journal of physiology. Endocrinology and metabolism, 324(1), E97.

Chung JY, et al. (2023) Pancreatic islet cell type-specific transcriptomic changes during pregnancy and postpartum. iScience, 26(4), 106439.

Cui X, et al. (2022) Pro-?-cell-derived ?-cells contribute to ?-cell neogenesis induced by antagonistic glucagon receptor antibody in type 2 diabetic mice. iScience, 25(7), 104567.

Krivova YS, et al. (2022) Prenatal development of sympathetic innervation of the human pancreas. Annals of anatomy = Anatomischer Anzeiger : official organ of the Anatomische Gesellschaft, 240, 151880.

Gribben C, et al. (2021) Ductal Ngn3-expressing progenitors contribute to adult ? cell neogenesis in the pancreas. Cell stem cell, 28(11), 2000.

Monica Shih MC, et al. (2021) Embryonic Steroids Control Developmental Programming of Energy Balance. Endocrinology, 162(12).

Früh E, et al. (2021) Glucagonotropic and Glucagonostatic Effects of KATP Channel Closure and Potassium Depolarization. Endocrinology, 162(1).

Wang Z, et al. (2021) microRNA-483 Protects Pancreatic ?-Cells by Targeting ALDH1A3. Endocrinology, 162(5).

Corcos N, et al. (2021) Oral Fc-Coupled Preproinsulin Achieves Systemic and Thymic Delivery Through the Neonatal Fc Receptor and Partially Delays Autoimmune Diabetes. Frontiers in immunology, 12, 616215.

Milani PG, et al. (2021) Whey protein enriched with Stevia rebaudiana fraction restores the pancreatic function of streptozotocin induced diabetic rats. Journal of food science and technology, 58(2), 805.

Wang D, et al. (2020) Long-Term Expansion of Pancreatic Islet Organoids from Resident Procr+ Progenitors. Cell, 180(6), 1198.

Azoury ME, et al. (2020) Peptides Derived From Insulin Granule Proteins Are Targeted by CD8+ T Cells Across MHC Class I Restrictions in Humans and NOD Mice. Diabetes, 69(12), 2678.

Amouyal C, et al. (2020) A surrogate of Roux-en-Y gastric bypass (the enterogastro anastomosis surgery) regulates multiple beta-cell pathways during resolution of diabetes in ob/ob mice. EBioMedicine, 58, 102895.

Cardenas-Diaz FL, et al. (2020) A Dual Reporter EndoC-?H1 Human ?-Cell Line for Efficient Quantification of Calcium Flux and Insulin Secretion. Endocrinology, 161(2).

Ohara-Imaizumi M, et al. (2019) ELKS/Voltage-Dependent Ca2+ Channel-? Subunit Module Regulates Polarized Ca2+ Influx in Pancreatic ? Cells. Cell reports, 26(5), 1213.

Szlapinski SK, et al. (2019) A mouse model of gestational glucose intolerance through exposure to a low protein diet during fetal and neonatal development. The Journal of physiology, 597(16), 4237.

Proshchina AE, et al. (2019) Pancreatic endocrine cell arrangement during human ontogeny. Acta histochemica, 121(5), 638.

Cardenas-Diaz FL, et al. (2019) Modeling Monogenic Diabetes using Human ESCs Reveals Developmental and Metabolic Deficiencies Caused by Mutations in HNF1A. Cell stem cell, 25(2), 273.

Kluth O, et al. (2019) Decreased Expression of Cilia Genes in Pancreatic Islets as a Risk Factor for Type 2 Diabetes in Mice and Humans. Cell reports, 26(11), 3027.