

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

Mouse Anti-Glucagon Monoclonal Antibody, Unconjugated, Clone K79bB10

RRID:AB_297642

Type: Antibody

Proper Citation

Abcam Cat# ab10988, RRID:AB_297642

Antibody Information

URL: http://antibodyregistry.org/AB_297642

Proper Citation: Abcam Cat# ab10988, RRID:AB_297642

Target Antigen: Glucagon

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Immunocytochemistry; Immunohistochemistry; Other; Radioimmunoassay; Western Blot; Dot Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-P, Radioimmunoassay, Western Blot
Info: Used by Czech Centre for Phenogenomics

Antibody Name: Mouse Anti-Glucagon Monoclonal Antibody, Unconjugated, Clone K79bB10

Description: This monoclonal targets Glucagon

Target Organism: feline, rat, porcine, canine, mouse, rabbit, cat, human, dog

Clone ID: Clone K79bB10

Antibody ID: AB_297642

Vendor: Abcam

Catalog Number: ab10988

Record Creation Time: 20250820T025915+0000

Record Last Update: 20250820T150307+0000

Ratings and Alerts

- Used by Czech Centre for Phenogenomics - Czech Centre for Phenogenomics
<https://www.phenogenomics.cz/>

No alerts have been found for Mouse Anti-Glucagon Monoclonal Antibody, Unconjugated, Clone K79bB10.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 51 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Fan J, et al. (2026) PDX1 phosphorylation at S61 by mTORC1 links nutrient signaling to β cell function and metabolic disease. Cell reports, 45(1), 116811.

Tsuno T, et al. (2025) Imeglimin suppresses glucagon secretion and induces a loss of β cell identity. Cell reports. Medicine, 6(8), 102254.

Barlow GL, et al. (2025) The extra-islet pancreas supports autoimmunity in human type 1 diabetes. eLife, 13.

Tubbs E, et al. (2025) Human assembloid of human blood vessel organoids with pancreatic islets improves insulin secretion over time ex vivo. Cell reports, 44(10), 116378.

Okuyama T, et al. (2025) The matricellular protein Fibulin-5 regulates β -cell proliferation in an autocrine/paracrine manner. iScience, 28(2), 111856.

Meng G, et al. (2025) Reconstruction of endocrine subtype-complete human pluripotent stem cell-derived islets with capacity for hypoglycemia protection in vivo. Cell stem cell, 32(9), 1438.

Lerskiatiphanich T, et al. (2025) Protocol for in vivo assessment of glucose metabolism in mouse models. STAR protocols, 6(4), 104192.

McDonald TS, et al. (2025) Metabolic rate and insulin-independent glucose uptake increase in a TDP-43Q331K mouse model of amyotrophic lateral sclerosis. Heliyon, 11(3), e42482.

Quandt Z, et al. (2025) Autoimmune origin for immune checkpoint inhibitor-diabetes revealed by deep immune phenotyping of the pancreas. Journal for immunotherapy of cancer, 13(8).

Osonoi S, et al. (2025) CCNA2 and CCND2 are differentially involved in β -cell proliferation in perinatal Japanese autopsied subjects. The Journal of clinical endocrinology and

metabolism.

Westholm E, et al. (2024) IGFBP7 is upregulated in islets from T2D donors and reduces insulin secretion. *iScience*, 27(9), 110767.

Knebel UE, et al. (2024) Disrupted RNA editing in beta cells mimics early-stage type 1 diabetes. *Cell metabolism*, 36(1), 48.

Higazi AA, et al. (2024) Characterization of metabolic alterations in the lean metabolically unhealthy alpha defensin transgenic mice. *iScience*, 27(2), 108802.

Evans-Molina C, et al. (2024) Heterogeneous endocrine cell composition defines human islet functional phenotypes. *bioRxiv : the preprint server for biology*.

Kalnytska O, et al. (2024) SORCS2 activity in pancreatic β -cells safeguards insulin granule formation and release from glucose-stressed β -cells. *iScience*, 27(1), 108725.

Karakose E, et al. (2024) Cycling alpha cells in regenerative drug-treated human pancreatic islets may serve as key beta cell progenitors. *Cell reports. Medicine*, 5(12), 101832.

Choleva L, et al. (2023) Structure-Function Analysis of p57KIP2 in the Human Pancreatic Beta Cell Reveals a Bipartite Nuclear Localization Signal. *Endocrinology*, 165(2).

Syed F, et al. (2023) A discovery-based proteomics approach identifies protein disulphide isomerase (PDIA1) as a biomarker of β cell stress in type 1 diabetes. *EBioMedicine*, 87, 104379.

Liu J, et al. (2023) β -Cell glucokinase expression was increased in type 2 diabetes subjects with better glycemic control. *Journal of diabetes*, 15(5), 409.

Guo Y, et al. (2023) Steroidogenic factor 1 protects mice from obesity-induced glucose intolerance via improving glucose-stimulated insulin secretion by beta cells. *iScience*, 26(4), 106451.