

# Resource Summary Report

Generated by [kravitz2](#) on Aug 9, 2026

## Glucagon antibody [K79bB10]

RRID:AB\_297642

Type: Antibody

### Proper Citation

Abcam Cat# ab10988, RRID:AB\_297642

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_297642](http://antibodyregistry.org/AB_297642)

**Proper Citation:** Abcam Cat# ab10988, RRID:AB\_297642

**Target Antigen:** Glucagon antibody [K79bB10]

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: Dot, ICC, ICC/IF, IHC-Fr, IHC-P, RIA; Immunohistochemistry - frozen; Immunohistochemistry - fixed; Other; Western Blot; Immunocytochemistry; Radioimmunoassay; Dot Blot; Immunofluorescence; Immunohistochemistry  
Info: Used by Czech Centre for Phenogenomics

**Antibody Name:** Glucagon antibody [K79bB10]

**Description:** This monoclonal targets Glucagon antibody [K79bB10]

**Target Organism:** rat, porcine, pig, mouse, human

**Antibody ID:** AB\_297642

**Vendor:** Abcam

**Catalog Number:** ab10988

**Record Creation Time:** 20250819T232409+0000

**Record Last Update:** 20250820T051359+0000

### Ratings and Alerts

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

No alerts have been found for Glucagon antibody [K79bB10].

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 55 mentions in open access literature.

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

Pintado C, et al. (2026) Chronic attenuation of brain leptin signalling is associated with early metabolic dysfunction in lean rats. *The Journal of physiology*, 604(12), 4717.

Enriquez JR, et al. (2026) Messenger RNA delivery to islet  $\beta$  cells using conjugated lipid nanoparticles. *Cell reports. Medicine*, 7(3), 102634.

Evans-Molina C, et al. (2026) Heterogeneous endocrine cell composition defines human islet functional phenotypes. *Nature communications*, 17(1).

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).

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

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

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.

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

Okuyama T, et al. (2025) The matricellular protein Fibulin-5 regulates  $\beta$ -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.

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

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  $\beta$ -cell proliferation in perinatal Japanese autopsied subjects. *The Journal of clinical endocrinology and metabolism*.

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.

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

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

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  $\beta$ -cells safeguards insulin granule formation and release from glucose-stressed  $\beta$ -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.