

Resource Summary Report

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insulin (proinsulin) antibody - Madsen, O.D.; Hagedorn Research Institute, Denmark

RRID:AB_532383

Type: Antibody

Proper Citation

DSHB Cat# GS-9A8, RRID:AB_532383

Antibody Information

URL: http://antibodyregistry.org/AB_532383

Proper Citation: DSHB Cat# GS-9A8, RRID:AB_532383

Target Antigen: insulin (proinsulin)

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s):

Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot; Date Deposited: 01/23/2006

Antibody Name: insulin (proinsulin) antibody - Madsen, O.D.; Hagedorn Research Institute, Denmark

Description: This monoclonal targets insulin (proinsulin)

Target Organism: Human, Rat, Monkey, Canine, Mouse

Defining Citation: [PMID:22872759](#), [PMID:26627735](#), [PMID:3555846](#), [PMID:26323473](#), [PMID:6207064](#), [PMID:26220792](#), [PMID:2443408](#), [PMID:3896518](#), [PMID:26216140](#), [PMID:26801953](#), [PMID:28877460](#), [PMID:27399229](#), [PMID:6196183](#)

Antibody ID: AB_532383

Vendor: DSHB

Catalog Number: GS-9A8

Record Creation Time: 20250820T054939+0000

Ratings and Alerts

- Used by Campbell-Thompson for paraffin and fresh frozen staining protocols for human pancreatic islets. - Campbell-Thompson et al, 2012
<https://dx.doi.org/10.3791/4068>

No alerts have been found for insulin (proinsulin) antibody - Madsen, O.D.; Hagedorn Research Institute, Denmark.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Germanos M, et al. (2025) Cab45G trafficking through the insulin secretory pathway is altered in human type 2 diabetes. *iScience*, 28(2), 111719.

Zhang Y, et al. (2024) Permanent neonatal diabetes-causing insulin mutations have dominant negative effects on beta cell identity. *Molecular metabolism*, 80, 101879.

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

Ho KH, et al. (2023) CAMSAP2 localizes to the Golgi in islet β -cells and facilitates Golgi-ER trafficking. *iScience*, 26(2), 105938.

Ramzy A, et al. (2022) Insulin Null β -cells Have a Prohormone Processing Defect That Is Not Reversed by AAV Rescue of Proinsulin Expression. *Endocrinology*, 163(6).

Lal RA, et al. (2022) Novel Pathogenic De Novo INS p.T97P Variant Presenting With Severe Neonatal DKA. *Endocrinology*, 163(2).

Muralidharan C, et al. (2021) Pancreatic beta cell autophagy is impaired in type 1 diabetes. *Diabetologia*, 64(4), 865.

Farack L, et al. (2019) Transcriptional Heterogeneity of Beta Cells in the Intact Pancreas. *Developmental cell*, 48(1), 115.

Balboa D, et al. (2018) Insulin mutations impair beta-cell development in a patient-derived iPSC model of neonatal diabetes. *eLife*, 7.

Wasserfall C, et al. (2017) Persistence of Pancreatic Insulin mRNA Expression and Proinsulin Protein in Type 1 Diabetes Pancreata. *Cell metabolism*, 26(3), 568.