



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# Anti-Islet beta cells autoantigen [H116] Standard Size Ab03984-1.1

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** H116

**Alternative Name(s) of Target:** Unknown islet β-cells autoantigen; unknown intraislets autoantigen

**UniProt Accession Number of Target Protein:**

**Published Application(s):** IF

**Published Species Reactivity:** Rat, Human, Mouse

**Immunogen:** The original antibody was generated from a B lymphocyte islet-infiltrate of a diabetes-resistant but insulinitis-prone (8.3-NODxNOR) F1 mouse.

**Specificity:** This antibody is specific for an unknown autoantigen (still under investigation, as of 2016), expressed in islet beta cells (also referred to as intraislet).

**Application Notes:** This antibody recognizes antigenic determinants selectively expressed in islet β-cells of the pancreas, as determined by immunofluorescence (IF) staining; its staining pattern mimics the pattern obtained with anti-insulin antibodies. Furthermore, this antibody was shown to be cross-reactive with stomach and kidney cryosections of NOD.RAG-2<sup>-/-</sup> mice (Carrillo et al., 2005; PMID: 15616012). This antibody was also used for tissue immunostaining of pancreatic cryosections from NOD.RAG-2<sup>-/-</sup> mice (Carrascal et al., 2016; PMID: 26639224).

**Antibody First Published in:** Carrillo et al. Islet-infiltrating B-cells in nonobese diabetic mice predominantly target nervous system elements Diabetes. 2005 Jan;54(1):69-77. doi: 10.2337/diabetes.54.1.69 PMID:15616012

**Note on publication:** The original publication describes the generation of hybridoma cell lines of islet-infiltrating B-cells from mice with type 1 diabetes and diabetes-resistant mice, and the characterization of the tissue specificity of the antibodies produced by these hybridomas.

## Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:**

1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.