

Anti-Insulin Purified Monoclonal Antibody

Catalog Number: M00067-2

About INS

Insulin and glucagon are pancreatic endocrine hormones secreted by islet cells within the pancreas. The stimulus for insulin secretion is a HIGH blood glucose. Deficiency of insulin results in diabetes mellitus, one of the leading causes of morbidity and mortality in the general population.

Overview

Product Name	Anti-Insulin Purified Monoclonal Antibody
Reactive Species	Cow, Human, Pig
Description	Boster Bio Anti-Insulin Purified Monoclonal Antibody (Catalog# M00067-2). Tested in ELISA, RIA, IHC-P, ICC application(s). This antibody reacts with Pig, Cow, Human.
Application	ELISA, IHC-P, ICC, RIA
Clonality	Monoclonal IN-05
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	P01308

Technical Details

Immunogen	Porcine insulin. The antibody IN-05 reacts with insulin, one of the major regulatory endocrine hormones of intermediate metabolism, normally secreted by the beta cells (a type of islet cells) of the pancreas; it is also present in tumors of B cell origin such as insulinoma.
Predicted Reactive Species	Primate
Isotype	Mouse IgG1
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:
Flow cytometry: 1-12 µg/ml

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