

## Insulin Antibody

Catalog No: #48491

Package Size: #48491-1 50ul #48491-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

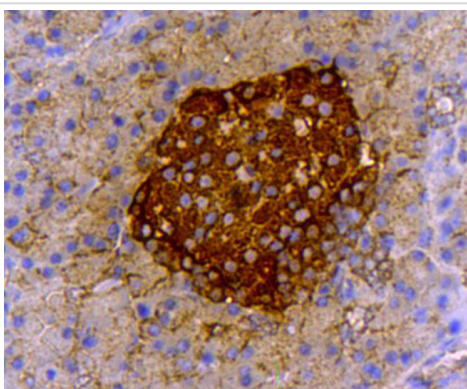
## Description

Product Name	Insulin Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	A6-6
Purification	ProA affinity purified
Applications	IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	peptide
Other Names	IDDM antibody IDDM1 antibody IDDM2 antibody ILPR antibody ins antibody INS_HUMAN antibody Insulin A chain antibody Insulin B chain antibody IRDN antibody MODY10 antibody Preproinsulin antibody Proinsulin antibody Proinsulin precursor antibody
Accession No.	Swiss-Prot#:P01308
Uniprot	P01308
GeneID	3630;
Calculated MW	12 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

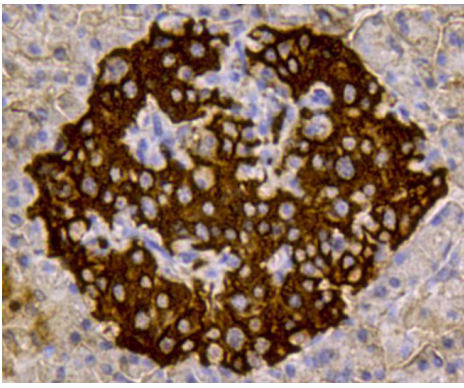
## Application Details

IHC: 1:100-1:1,000

## Images



Immunohistochemical analysis of paraffin-embedded rat pancreas tissue using anti-Insulin antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-Insulin antibody. Counter stained with hematoxylin.

## Background

Insulin is a hormone with extensive effects on both metabolism and several other body systems. It causes most of the body's cells to take up glucose from the blood (including liver, muscle, and fat tissue cells), storing it as glycogen in the liver and muscle, and stops use of fat as an energy source. Insulin is synthesized as a precursor molecule, proinsulin, which is processed prior to its secretion. A- and B-peptides are joined together by a disulfide bond to form insulin, while the central portion of the precursor molecule is cleaved and released as the C-peptide.

## References

Note: This product is for in vitro research use only