10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Insulin
Mouse Monoclonal antibody(Mab)
Catalog # AD80162

Specification

Insulin - Product info

Application	**IHC-P, IHC**
Primary Accession	P01308
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**11981**

Insulin - Additional info

Gene ID	**3630**
Gene Name	**INS**

Other Names
Insulin, Insulin B chain, Insulin A chain, INS

Dilution
IHC-P~~Ready-to-use
IHC~~Ready-to-use

Storage
Maintain refrigerated at 2-8°C

Precautions	**Insulin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

Insulin - Protein Information

Name INS

Function	**Insulin decreases blood glucose concentration. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver.**
Cellular Location	**Secreted.**

Insulin - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot

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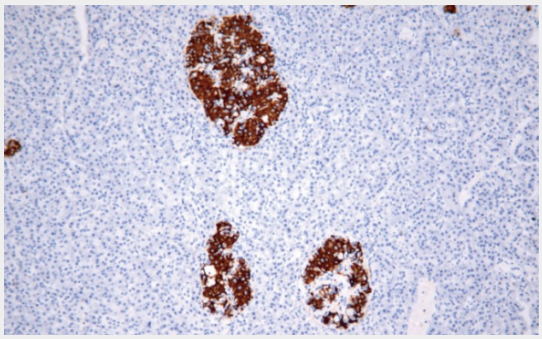
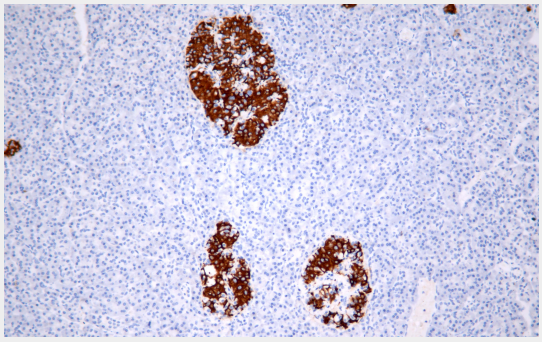
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Insulin - Images



Pancreas



Immunohistochemical analysis of paraffin-embedded human pancreas tissue using AD80162 performed on the Abcarta® FAIP-30 Fully automated IHC platform.Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(Ready-to-use) for 15 min at room temperature. AmpSeeTM Detection Systems（Abcepta:AR005） was used as the secondary antibody.