

Anti-Insulin Rabbit Monoclonal Antibody

Catalog # ABO13890

Product Information

Application	IHC, IF, ICC
Primary Accession	P01308
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Insulin Rabbit Monoclonal Antibody . Tested in IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

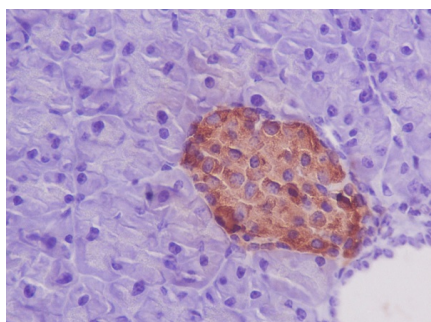
Gene ID	3630
Other Names	Insulin, Insulin B chain, Insulin A chain, INS
Calculated MW	11981
Application Details	IHC 1:500-1:1000 ICC/IF 1:50-1:200
Subcellular Localization	Secreted.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: DEA-9
Immunogen	A synthesized peptide derived from human Insulin
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

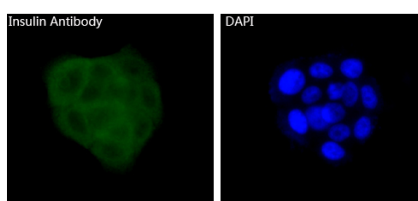
Name	INS
Function	Insulin decreases blood glucose concentration. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver.

Cellular Location	Secreted.
Tissue Location	Expressed by pancreatic beta-cells (at protein level).

Images



Immunohistochemical analysis of paraffin-embedded mouse pancreas, using Insulin Antibody.



Immunofluorescent analysis of BxPC-3 cells, using Insulin Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.