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Insulin Antibody

Rabbit mAb
Catalog # AP90474

Product Information

Application	IHC, IF, ICC, IHF
Primary Accession	P01308
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	ILPR; IRDN; IDDM2; MODY10; Insulin; Insulin; INS;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	11981

Additional Information

Dilution	IHC 1:500~1:1000 ICC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Insulin
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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

Image not found : 202311/AP90474-IHC.jpg

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

Image not found : 202311/AP90474-IF.jpg

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'.