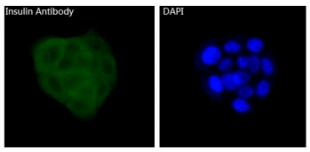
Insulin Antibody [clone DEA-9] (RQ4967)

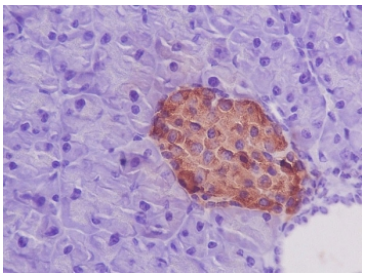
Catalog No.	Formulation	Size
RQ4967	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	DEA-9
Purity	Affinity purified
UniProt	P01308
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1:500-1:1000 Immunofluorescence/Immunocytochemistry : 1:50-1:200
Limitations	This Insulin antibody is available for research use only.



IF/ICC staining of human BxPC-3 cells with Insulin antibody (green) and DAPI nuclear stain (blue).



IHC staining of FFPE mouse pancreas with Insulin antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

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. [UniProt]

Application Notes

Optimal dilution of the Insulin antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Insulin / INS was used as the immunogen for the Insulin antibody.

Storage

Store the Insulin antibody at -20oC.