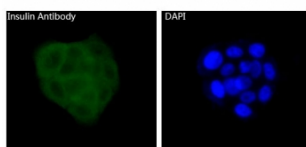


Insulin Antibody [clone DEA-9] (RQ4967)

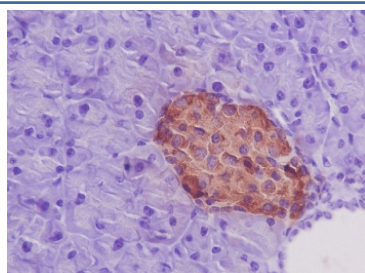
| Catalog No. | Formulation | Size |
|-------------|--|--------|
| RQ4967 | Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA | 100 ul |

[Bulk quote request](#)

| | |
|--------------------|---|
| Availability | 1-2 weeks |
| Species Reactivity | Human, Mouse |
| Format | Purified |
| 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.