Recombinant Insulin Monoclonal Antibody

catalog number: **AN300052P**

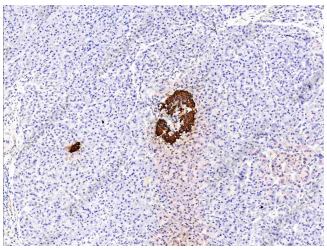
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

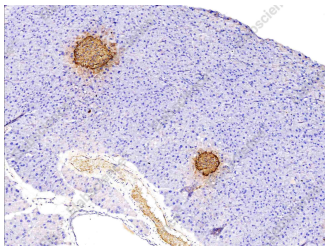
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Insulin Protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110042
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB:	1:1000； IHC: 1:20-1:5000； ICC/IF: 1:50

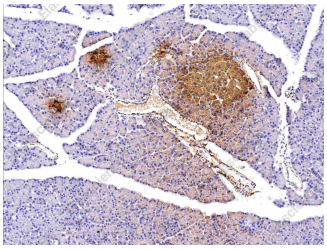
Data



Immunohistochemical analysis of paraffin-embedded Human pancreas tissue sections using Insulin Antibody (AN300052P) at a dilution of 1:100 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Mouse pancreas tissue sections using Insulin Antibody (AN300052P) at a dilution of 1:100 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Rat pancreas tissue sections using Insulin Antibody (AN300052P) at a dilution of 1:100 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
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After removal of the precursor signal peptide, proinsulin is post-translationally cleaved into three peptides: the B chain and A chain peptides, which are covalently linked via two disulfide bonds to form insulin, and C-peptide. Binding of insulin to the insulin receptor (INSR) stimulates glucose uptake. A multitude of mutant alleles with phenotypic effects have been identified. There is a read-through gene, INS-IGF2, which overlaps with this gene at the 5′ region and with the IGF2 gene at the 3′ region. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]

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