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Product datasheet for BM270B

C-Peptide Mouse Monoclonal Antibody [Clone ID: C-PEP-01]

Product data:

Product Type:	Primary Antibodies
Clone Name:	C-PEP-01
Applications:	IHC
Recommended Dilution:	**Immunohistochemistry on Paraffin Sections:** 25 µg/ml. ***Positive Control: H****uman pancreas (islets of Langerhans).*
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human C-peptide conjugated to BSA
Specificity:	This antibody reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.
Formulation:	PBS, pH~7.4 Label: Biotin State: Liquid purified Ig fraction Preservative: 15 mM Sodium Azide Label: Conjugated with -LC-NHS under optimum conditions. The reagent is free of unconjugated biotin
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store undiluted at 2-8°C. **DO NOT FREEZE!**
Stability:	Shelf life: one year from despatch.
Background:	From every molecule of Proinsulin, one molecule of Insulin plus one molecule of C-peptide are produced. C-peptide is released into the blood stream in equal amounts to Insulin.
Synonyms:	Proinsulin, Connecting Peptide

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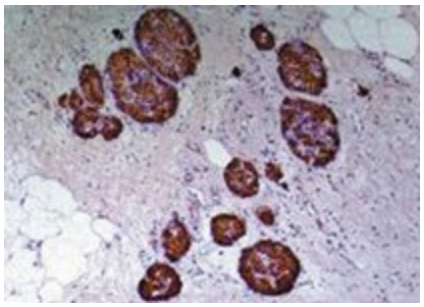
Product images:



Immunohistochemistry staining of human pancreas (paraffin-embedded sections) with anti-human to C-peptide of Proinsulin (Clone C-PEP-01).