



# Magic™ Anti-Proinsulin monoclonal antibody, clone C294N (DCAB-TJ162)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Rat proinsulin.
<b>Immunogen</b>	Synthetic peptide fragment of rat proinsulin conjugated with a carrier protein.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Rat
<b>Clone</b>	C294N
<b>Affinity Constant</b>	Not Determined
<b>Purification</b>	> 90% pure (SDS-PAGE). Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in ELISA and sandwich type immunoassay. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Suggested pair for testing (Capture - Detection): DCAB-TJ162 - <a href="#">DMAB1150MR</a>
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.1% Sodium Azide

**Storage**

Store at 2-8°C.

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## BACKGROUND

**Introduction**

Proinsulin is the prohormone precursor to insulin made in the beta cells of the islets of Langerhans, specialized regions of the pancreas. In humans, proinsulin is encoded by the INS gene.

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**Keywords**

Proinsulin; INS; insulin; ILPR; IRDN; IDDM1; IDDM2; MODY10

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