



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

Specificity	Rat proinsulin.
Immunogen	Synthetic peptide fragment of rat proinsulin conjugated with a carrier protein.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Rat
Clone	C294N
Affinity Constant	Not Determined
Purification	> 90% pure (SDS-PAGE). Protein A chromatography
Conjugate	Unconjugated
Applications	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 - DMAB1150MR
Procedure	Matched Antibody Pairs
Format	Purified, Liquid
Concentration	Lot specific
Buffer	PBS, pH 7.4
Storage	Store at 2-8°C.
Warnings	Centrifuge before opening to ensure complete recovery of vial contents. This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1-1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

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.

Keywords

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