

Monoclonal Antibody to C-Peptide - Purified

Alternate names:	Connecting Peptide, Proinsulin
Catalog No.:	BM270X
Quantity:	0.25 mg
Concentration:	1 mg/ml (OD280 nm)
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	C-PEP-01
Immunogen:	Synthetic C-peptide coupled to BSA.
Format:	State: Liquid purified Ig fraction. Purification: Protein A chromatography. Buffer System: PBS, pH 7.2 with 0.09% Sodium Azide as preservative.
Applications:	Suitable for use in RIA, Immunohistochemistry and ELISA (Capture antibody). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with C-peptide and proinsulin. It recognizes the central part of the C-peptide molecule, probably with the hydrophilic segments 8-13 and 25-31. Does not react with human, bovine and porcine insulin, glucagon or somatostatin. Cross reactivity: C-peptide 100%, Human proinsulin 87%
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Hilgert, I., et al., (1991), Hybridoma, 10:379-386.