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OriGene EU

BM270X

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Monoclonal Antibody to C-Peptide - Purified

Alternate names: Connecting Peptide, Proinsulin

Catalog No.: BM270X **Quantity:** 0.25 mg

Concentration: 1 mg/ml (OD280 nm)

Mouse / IgG1 **Host / Isotype:**

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.

