



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

60 Industrial Park Road
Saco, ME 04072
Telephone: 207.283.6500
Fax: 207.283.4800
Email: info@meridianlifescience.com
www.MeridianLifeScience.com

SPECIFICATION SHEET

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: E01237M **Lot #:** n/a

Description: MAb to Rat C-peptide I & II
Monoclonal Antibody to Rat C-peptide I & II, N-terminal

Specificity: Recognizes rat C-peptide I and II. Cross reacts with mouse C-peptide I and II. Weak crossreactivity with rat proinsulin.

Clone: B164M

Host Animal: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice. **Isotype:** IgG₁

Source: Ascites

Immunogen: Synthetic peptide fragments of rat C-peptides I and II conjugated with a carrier protein

Format: Purified, Liquid

Purification: >90% pure (SDS-PAGE). Protein A chromatography

Concentration: Lot specific

Affinity Constant: Not determined

Buffer: PBS, pH 7.4

Preservative: 0.1% Sodium azide

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.

Recommended antibody pair for immunoassay to detect Rat C-peptides I & II. Crossreactivity of the recommended pair with native rat proinsulin is <0.1%.

<u>Capture</u>	<u>Detection</u>
E01247M	E01237M

Storage: Store at 2-8°C.

Warning: 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.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.