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Certificate of Analysis and Data Sheet

Mouse Anti-Insulin / Proinsulin, Rat

Catalog No.
MD-14-0905

Host Animal:
Mouse

Description: MAb to Insulin/Proinsulin, Rat
Monoclonal Antibody to Rat/Mouse Insulin/Proinsulin, Biotin conjugated

Specificity: Cross-reacts with human, bovine and porcine insulin and proinsulin.

Host Animal: Mouse. Hybridization of X63Ag8-653, Myeloma cells with spleen cells from BALB/c mice

Isotype: IgG1, kappa

Source: Ascites

Immunogen: Purified human insulin

Format: Biotin, Liquid

Purification: >90% pure (SDS-PAGE). Protein A chromatography
Purified antibody is conjugated to biotinisoithiocyanate.

Concentration: 2.2mg/ml (OD280nm, $E^{0.1\%} = 1.4$)

Affinity Constant: $K_d = 6.3 \times 10^{-8}M$

Buffer: 20mM Tris-HCl, 150mM Sodium chloride, pH 7.5

Preservative: 0.1% Sodium azide

Applications: Suitable for use in ELISA and immunohistochemistry (frozen section). 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.

Storage: Store at 2–8°C.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**