

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** E01345B **Lot #:** 7C08222

**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 **Isotype:** IgG1

**Source:** Cell Culture

**Immunogen:** Purified Human Insulin

**Format:** Biotin, Liquid

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

**Concentration:** 1.1 mg/mL (OD280nm,  $E^{0.1\%} = 1.4$ )

**Buffer:** 20 mM Tris-HCl, 150 mM Sodium Chloride, pH 7.5.

**Preservative:** 0.09% 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.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature: 

29 MAR 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**