

CERTIFICATE OF ANALYSIS

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

Catalog #: E01346M **Lot #:** 1C07022

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

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

Host Animal: Mouse **Isotype:** IgG₁

Source: Cell Culture

Immunogen: Purified human insulin.

Format: Purified, Liquid

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

Concentration: 5.6 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in ELISA. Can be used in Immunohistochemistry on frozen sections. 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 sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
E01346M	E01345M

Storage: Store at 2–8°C.

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

Cecily J. Orr

Quality Signature:

18 March 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY