

CERTIFICATE OF ANALYSIS

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

Catalog #: E54057M **Lot #:** 1J29522

Description: MAb to ACTH N-Terminal
Monoclonal Antibody to Human Adrenocorticotrophic Hormone (ACTH) N-terminal.

Specificity: Specific for Synacthen (1-24 ACTH). Reacts with ACTH (a.a. 1-17) and has no cross- reaction with CLIP (ACTH 17-39). Reacts < 1% with insulin, KLH and BSA. Cross-reacts with rat N-terminal ACTH.

Host Animal: Mouse **Isotype:** IgG₁

Source: Tissue Culture Supernatant

Immunogen: ACTH-KLH Conjugate

Format: Purified, Liquid

Purification: Protein A Chromatography

Concentration: 1.0 mg/mL (OD280nm, E^{0.1%} = 1.35)

Buffer: Phosphate Buffered Saline, pH 7.2

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in ELISA and Immunohistochemistry (formalin fixed paraffin 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: Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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

Quality Signature:



24 Oct 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY