



Meridian

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Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

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

Catalog #: E24150M **Lot #:** 1G20420

Description: MAb to PTH (a.a. 53-84)
Monoclonal Antibody to Human Parathyroid Hormone (PTH), Amino Acids 53-84

Specificity: Human PTH peptide (53-84). Does not cross react with Synthetic human PTH peptide (a.a. 1-10, a.a. 1-34 and a.a. 1-38).

Host Animal: Mouse **Isotype:** IgG₁

Source: Cell Culture

Immunogen: Synthetic human PTH peptide (53-84) bTG-conjugated.

Format: Purified, Lyophilized
Reconstitute in 1 mL double distilled water.

Purification: Protein G Chromatography

Concentration: 1 mg/mL (prior to lyophilization).

Affinity Constant: $> 2 \times 10^{10}$ L/mol

Buffer: Lyophilized from 0.1 M Phosphate Buffered Saline, pH 7.4.

Preservative: None

Applications: Suitable for use in ELISA (500 ng/mL), ILMA (500 ng/mL) and Immunohistochemistry (2 µg/mL). 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 lyophilized product at 2-8°C. After reconstitution, store at -20°C. Avoid multiple freeze/thaw cycles.

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

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