Product Specifications

**Description:**
Parathyroid Hormone mouse monoclonal antibody

**Immunoglobulin class:** IgG2a

**Clone:** 105G7

**Immunogen:** Recombinant protein representing the full length human parathyroid hormone molecule.

**Epitope:** Not determined.

**Presentation:**
Lyophilized tissue culture supernatant containing 15mM sodium azide. Reconstitute with 1ml of distilled water.

**Species cross-reactivity:** Human

**Storage Conditions:**
Keep unopened vial at 2 - 8 °C for 1 year. Once opened it is recommended that reconstituted stock solution be aliquoted and quick frozen and stored at -20 °C. Do not repeatedly freeze/thaw.

**Applications:**

**Immunohistochemistry**
- Paraffin sections: Yes
- Frozen sections: Not tested.
- Working Dilution*: 1:150-1:300 for 1 hr at 25°C
- Positive Control: Parathyroid. Cytoplasmic and membrane staining pattern.

**Western blotting:** Not tested.

* Recommended dilutions using VECTASTAIN® Elite® ABC Kits.

**Functional Aspects:**
Parathyroid hormone is secreted by chief cells of the parathyroid glands and regulate serum calcium and phosphate levels by direct and indirect means. This hormone is the most important regulator of blood calcium levels. This antibody will detect parathyroid hormone and help distinguish between parathyroid and thyroid tissue.

**Selected References**