

Product datasheet for **AM02147PU-S**

Parathyroid Hormone (PTH) (1-38) Mouse Monoclonal Antibody [Clone ID: A1/70]

Product data:

Product Type:	Primary Antibodies
Clone Name:	A1/70
Applications:	ELISA, IHC, R
Recommended Dilution:	RIA: 20 ng/ml. ELISA: 1 µg/ml (Ref.1). ILMA: 20 µg/ml (Ref.3). Immunohistochemistry on Cryosections and Paraffin Sections: 2 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic Human PTH (aa 1-38) poly-Lysine conjugated.
Specificity:	This antibody detects PTH peptide (aa 15-25; 1-34; 1-38; 1-84; 7-84). There were no cross reactivities obtained with synthetic Human PTH (aa 1-3; 1-10; 4-16; 28-48; 39-84; 44-68; 53-84) nor with PTHrP (aa 1-86), Calcitonin, Gastrin, Beta-2 Microglobulin, Thymulin, Thyroglobulin, Streptavidin, or Glutathione S-transferase.
Formulation:	PBS, pH 7.4 State: Purified State: Lyophilized purified IgG fraction from Cell Culture Supernatant
Reconstitution Method:	Restore in aqua bidest to 1 mg/ml
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	parathyroid hormone



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Database Link: [Entrez Gene 5741 Human P01270](#)

Background: Parathyroid hormone (PTH), or Parathormone, is secreted by the parathyroid glands as a polypeptide containing 84 amino acids. It acts to increase the concentration of calcium in the blood, whereas calcitonin (a hormone produced by the parafollicular cells of the thyroid gland) acts to decrease calcium concentration.

Synonyms: Parathormone, Parathyrin

Note: LocusID 5741