

Product datasheet for **AM02142PU-S**

Parathyroid Hormone (PTH) (1-34) Rat Monoclonal Antibody [Clone ID: 3B3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3B3
Applications:	ELISA, IHC
Recommended Dilution:	ELISA. Immunoprecipitation (Affinity Chromatography) (Ref.1). Immunohistochemistry on CryoSections and Paraffin-Sections: 1/25-50.
Reactivity:	Human
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Synthetic Human PTH (aa 1-34) BSA conjugated.
Specificity:	This antibody detects Human oxidized PTH (aa 1-34), native PTH in tissue sections and in circulation. Cross reacts with native PTH (aa 1-84).
Formulation:	PBS, pH 7.4 without preservatives State: Purified State: Lyophilized purified Cell 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
Database Link:	Entrez Gene 5741 Human P01270



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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