

Product datasheet for **AM01196PU-N**

Parathyroid Hormone (PTH) Mouse Monoclonal Antibody [Clone ID: 3H9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3H9
Applications:	ELISA, IHC, R
Recommended Dilution:	ELISA. Radioimmunoassays. Immunohistochemistry on Paraffin Sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Synthetic peptide corresponding to amino acids 1-34 of mature Human Parathyroid Hormone (PTH) conjugated to a proprietary carrier molecule.
Specificity:	This antibody reacts with Human Parathyroid Hormone (PTH), a secreted peptide involved in calcium homeostasis. This antibody has not been cross-adsorbed and may react with homologous peptides from related species.
Formulation:	PBS containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. 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