

## Product datasheet for **AM02149PU-S**

### Parathyroid Hormone (PTH) (1-38) Mouse Monoclonal Antibody [Clone ID: A1/64]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	A1/64
Applications:	ELISA, IHC, R
Recommended Dilution:	<b>RIA:</b> 25 ng/ml. <b>ELISA:</b> 1 µg/ml. <b>Immunohistochemistry on Cryo and Paraffin Sections:</b> 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). <b>Affinity:</b> $9.94 \times 10^8$ l/mol (determined by RIA). There was no cross-reactivity obtained with synthetic human PTH (aa 1-3; 1-10; 4-16; 28-48; 39-84; 44-68; 53-84), or with PTHrP (aa 1-86), Calcitonin, Gastrin, A2 microglobulin, Thymulin, Thyroglobulin, Streptavidin, or Glutathione S-transferase.
Formulation:	50 mM TRIS, pH 7.4 State: Purified State: Lyophilized purified IgG fraction from Cell Culture Supernatant Preservative: 0.05% Sodium Azide
Reconstitution Method:	Restore in aqua bidest to 1 mg/ml.
Purification:	Affinity 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.



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**Gene Name:** parathyroid hormone  
**Database Link:** [Entrez Gene 5741 Human P01270](#)  
**Synonyms:** Parathormone, Parathyrin  
**Note:** LocusID 5741