

## Product datasheet for **AM02145PU-S**

### Parathyroid Hormone (PTH) (1-37) Mouse Monoclonal Antibody [Clone ID: 77/78]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	77/78
Applications:	ELISA, IHC
Recommended Dilution:	<b>ELISA</b> (50 ng/ml). <b>ILMA</b> (50 ng/ml). <b>Immunohistochemistry on Paraffin Sections:</b> 1 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic Human PTH peptide (aa 1-37) poly-Lysine conjugated.
Specificity:	This antibody detects PTH peptide (Amino Acids <b>24-37</b> ; 16-24; 1-84; 7-84; 1-34; 1-37; 1-38). There were no cross reactivities obtained with synthetic PTH peptide (aa 1-3; 1-10).
Formulation:	PBS, pH 7.4, 20mM D-(+)-trehalose dihydrate, 40mM D-(-)-mannitol State: Purified State: Lyophilized purified IgG fraction from Cell Supernatant Preservative: 0.04% Thimerosal
Reconstitution Method:	Restore in aqua bidest to 1 mg/ml.
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C and reconstituted at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	parathyroid hormone
Database Link:	<a href="#">Entrez Gene 5741 Human P01270</a>



[View online »](#)

**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