

Product overview

product name	Parathyroid Hormone(PTH) mouse monoclonal antibody
catalog No.	ATDA00072
Category	Primary antibody
Host	Mouse
Species specificity	This antibody detects endogenous levels of human Parathyroid Hormone (PTH). Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH8.0 was highly recommended as antigen repair method in paraffin section
Tested applications	IHC-p
Clonality	Monoclonal
Immunogen	Synthesized peptide derived from human Parathyroid Hormone (PTH)
Alternative Names	Parathyroid hormone(PTH),Parathormone,Parathyrin
Uniprot ID	P01270

Product performance

Form	Liquid
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Stored at -20°C.Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Isotype	IgG1,Kappa

Dilution range

IHC-p:1:100-1:500

Product background

Parathyroid hormone(PTH) Homo sapiens This gene encodes a member of the parathyroid family of proteins.The encoded preproprotein is proteolytically processed to generate a protein that binds to the parathyroid hormone/parathyroid hormone-related peptide receptor and regulates blood calcium and phosphate levels.Excess production of the encoded protein,known as hyperparathyroidism,can result in hypercalcemia and kidney stones.On the other hand,defective processing of the encoded protein may lead to hypoparathyroidism,which can result in hypocalcemia and numbness.Alternative splicing results in multiple transcript variants.

