

# PTH

Mouse Monoclonal antibody(Mab)

Catalog # AD80306

## Product Information

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Application	IHC-P
Primary Accession	<a href="#">P01270</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	514A2D3
Calculated MW	12861

## Additional Information

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Gene ID	5741
Gene Name	PTH
Other Names	Parathyroid hormone, PTH, Parathormone, Parathyrin, PTH
Dilution	IHC-P~~N/A
Storage	Maintain refrigerated at 2-8°C.
Precautions	PTH Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	PTH {ECO:0000303   PubMed:35932760, ECO:0000312   HGNC:HGNC:9606}
Function	Parathyroid hormone elevates calcium level by dissolving the salts in bone and preventing their renal excretion (PubMed: <a href="#">11604398</a> , PubMed: <a href="#">35932760</a> ). Acts by binding to its receptor, PTH1R, activating G protein-coupled receptor signaling (PubMed: <a href="#">18375760</a> , PubMed: <a href="#">35932760</a> ). Stimulates [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblastic cells (PubMed: <a href="#">21076856</a> ).
Cellular Location	Secreted

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.