

PTH

Mouse Monoclonal antibody(Mab)

Catalog # AD80306

Product Information

Application	IHC-P
Primary Accession	P01270
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	514A2D3
Calculated MW	12861

Additional Information

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

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: 11604398 , PubMed: 35932760). Acts by binding to its receptor, PTH1R, activating G protein-coupled receptor signaling (PubMed: 18375760 , PubMed: 35932760). Stimulates [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblastic cells (PubMed: 21076856).
Cellular Location	Secreted

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