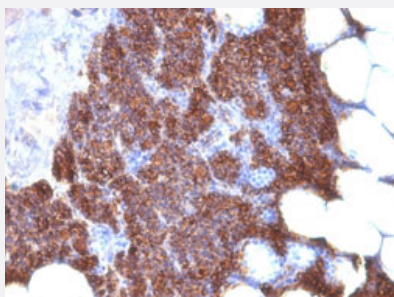


PTH monoclonal antibody, clone 3H9 + PTH/1175

Catalog # MAB14896 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human parathyroid with PTH monoclonal antibody, clone 3H9 + PTH/1175 (Cat # MAB14896).

Specification

Product Description	Mouse monoclonal antibody raised against human PTH.
Immunogen	A synthetic peptide corresponding to amino acids 1-34 of human PTH and recombinant protein corresponding to amino acids 32-115 at C-terminus of human PTH.
Host	Mouse
Theoretical MW (kDa)	9
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2b, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human parathyroid with PTH monoclonal antibody, clone 3H9 + PTH/1175 (Cat # MAB14896).

- Immunofluorescence
- Flow Cytometry

Gene Info — PTH

Entrez GeneID [5741](#)

Protein Accession# [P01270](#)

Gene Name PTH

Gene Alias PTH1

Gene Description parathyroid hormone

Omim ID [146200](#) [168450](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a hormone secreted by parathyroid cells. This hormone elevates blood Ca^{2+} level by dissolving the salts in bone and preventing their renal excretion. Defects in this gene are a cause of familial isolated hypoparathyroidism (FIH). [provided by RefSeq]

Other Designations parathormone|parathyrin|parathyroid hormone 1

Publication Reference

- [Parathyroid hormone: regulation of synthesis and secretion.](#)

Watson PH, Hanley DA.

Clinical and Investigative Medicine 1993 Feb; 16(1):58.

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Aortic Valve Stenosis](#)
- [Body Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Hip Fractures](#)
- [Hyperparathyroidism](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Ossification of Posterior Longitudinal Ligament](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Pulmonary Disease](#)
- [Spinal Osteophytosis](#)
- [Urinary Bladder Neoplasms](#)

- [Vitamin D Deficiency](#)
- [Werner syndrome](#)