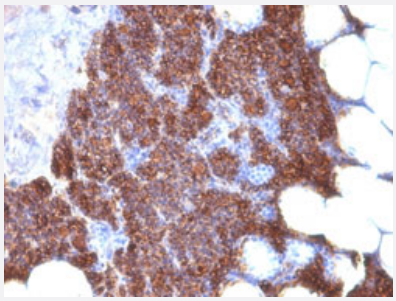
PTH monoclonal antibody, clone 3H9 + PTH/1175

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 corre sponding 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.

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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 Ca2+ 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.

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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

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- Vitamin D Deficiency
- Werner syndrome

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