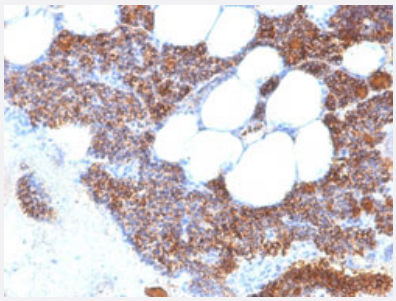
PTH monoclonal antibody, clone SPM604

Catalog # MAB13147 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 SPM604 (Cat # MAB13147).

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of human PTH.
Immunogen	A synthetic peptide corresponding to N-terminus region 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 in 0.1 mL) 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 (0.05% BSA, 0.05% sodium azide).

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Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human parathyroid with PTH monoclonal antibody, clone SPM604 (Cat # MAB13147).

- 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 eleva tes blood Ca2+ level by dissolving the salts in bone and preventing their renal excretion. Defects i n this gene are a cause of familial isolated hypoparathyroidism (FIH). [provided by RefSeq
Other Designations	parathormone|parathyrin|parathyroid hormone 1

Pathway

- Neuroactive ligand-receptor interaction

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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

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