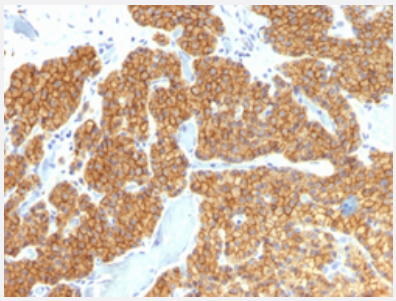
# PTH monoclonal antibody, clone PTH/911

Catalog # MAB14403 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 PTH/911 (Cat # MAB14403).

## Specification

| | |
|---|---|
| **Product Description** | Mouse monoclonal antibody raised against synthetic peptide of human PTH. |
| **Immunogen** | A synthetic peptide corresponding to N-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 in 0.1 mL)<br>Immunofluorescence (0.5-1 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL)<br>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 PTH/911 (Cat # MAB14403).

- 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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