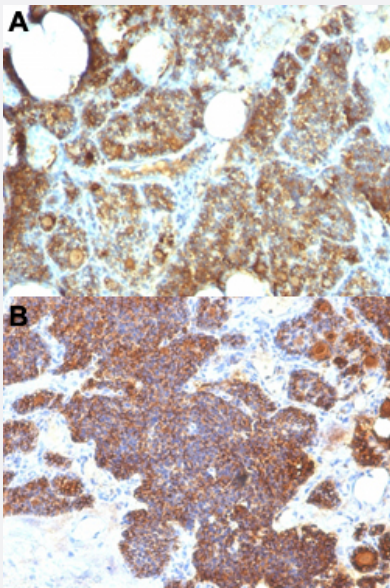


# PTH monoclonal antibody, clone PTH/1173

Catalog # MAB14405      Size 100 ug

## Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human parathyroid (A, B) with PTH monoclonal antibody, clone PTH/1173 (Cat # MAB14405).

## Specification

|                      |                                                                              |
|----------------------|------------------------------------------------------------------------------|
| Product Description  | Mouse monoclonal antibody raised against partial recombinant human PTH.      |
| Immunogen            | Recombinant protein corresponding to 84 residues 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<sup>6</sup> 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 (0.05% BSA, 0.05% sodium azide).

**Storage Instruction**

Store at 4°C.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human parathyroid (A, B) with PTH monoclonal antibody, clone PTH/1173 (Cat # MAB14405).

- 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<sup>2+</sup> 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

## 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](#)