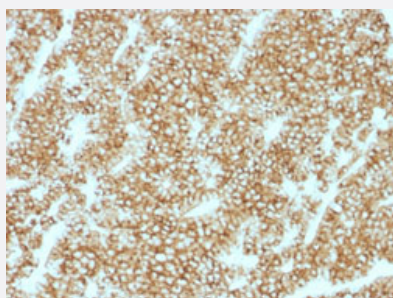


RecomAb™

PTH recombinant monoclonal antibody, clone PTH/1717R

Catalog # RAB00347 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human parathyroid with PTH recombinant monoclonal antibody, clone PTH/1717R (Cat # RAB00347).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PTH.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to N-terminus of human PTH.
Theoretical MW (kDa)	9
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG, 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 (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 with PTH recombinant monoclonal antibody, clone PTH/1717R (Cat # RAB00347).

- 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

- [The regulation of parathyroid hormone secretion and synthesis.](#)

Kumar R, Thompson JR.

Journal of the American Society of Nephrology 2011 Feb; 22(2):216.

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](#)