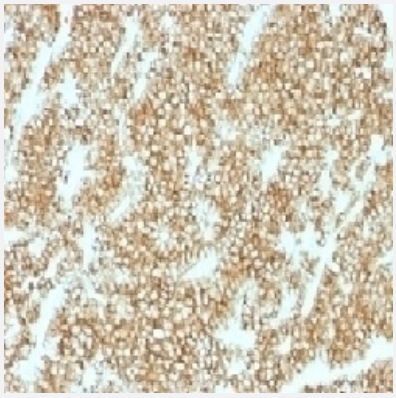
RecomAb™

PTH recombinant monoclonal antibody, clone PTH/1717R

Catalog # RAB03827 Size 100 ug

Applications



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

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of human parathyroid gland with anti-PTH recombinant monoclonal antibody, clone PTH/1717R (Cat # RAB03827).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide corresponding to the N-terminal region of human Parathyroid hormone.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to the N-terminal region of human Parathyroid hormone.
Reactivity	Human
Form	Liquid
Conjugation	Unconjugated
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Protein A affinity chromatography
Concentration	0.2 mg/mL

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Isotype	IgG
Recommend Usage	Flow cytometry (0.5-1 ug/million cells in 0.1mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(0.5-1 ug/mL for 30 min at RT) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 0.1 mg/ml BSA, 0.05% sodium azide
Storage Instruction	Store at 2~8°C. Aliquot to avoid repeated freezing and thawing.
Note	Optimal dilutions for each application to be determined by the researcher

Applications

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

  Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of human parathyroid gland with anti-PTH recombinant monoclonal antibody, clone PTH/1717R (Cat # RAB03827).

- 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

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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

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- Urinary Bladder Neoplasms
- Vitamin D Deficiency
- Werner syndrome

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