

PTH monoclonal antibody (M09), clone 4C5

Catalog # H00005741-M09

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PTH.
Immunogen	PTH (NP_000306, 32 a.a.-115 a.a.) full-length recombinant protein.
Sequence	SVSEIQLMHNLGKHLNSMERVEWLRKKLQDVHNFVALGAPLAPRDAGSQRP RKEDNVLVESH EKSLGEADKADVNVLTAKSQ
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — PTH

Entrez GeneID	5741
GeneBank Accession#	N/A
Protein Accession#	-
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

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](#)