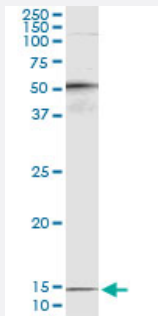


PTH monoclonal antibody (M05), clone 4A2

Catalog # H00005741-M05

Size 100 ug

Applications



Immunoprecipitation

Immunoprecipitation of PTH transfected lysate using anti-PTH monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PTH MaxPab rabbit polyclonal antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant PTH.
Immunogen	PTH (NP_000306, 32 a.a. ~ 115 a.a) recombinant protein.
Sequence	SVSEIQLMHNLGKHLNSMERVEWLRKKLQDVHNFVALGAPLAPRDAGSQRPRKKEDNVLVESH 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

- Immunoprecipitation

Immunoprecipitation of PTH transfected lysate using anti-PTH monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PTH MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- 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](#)