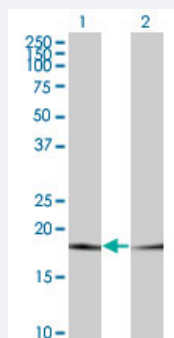


PTH monoclonal antibody (M19), clone 3D10

Catalog # H00005741-M19

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PTH expression in transfected 293T cell line by PTH monoclonal antibody (M19), clone 3D10.

Lane 1: PTH transfected lysate(12.9 KDa).

Lane 2: Non-transfected lysate.

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	SVSEIQLMHNLGKHLNSMERVEWLRKKLQDVHNFVALGAPLAPRDAGSQRPRKKEDNVLVESH EKSLGEADKADVNVLTAKSQ
Host	Mouse
Reactivity	Human
Isotype	IgG1 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

- Western Blot (Transfected lysate)

Western Blot analysis of PTH expression in transfected 293T cell line by PTH monoclonal antibody (M19), clone 3D10.

Lane 1: PTH transfected lysate(12.9 KDa).

Lane 2: Non-transfected lysate.

[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 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]

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](#)