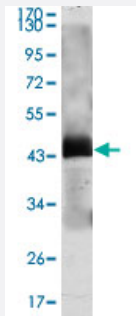


PTH monoclonal antibody, clone 2C7

Catalog # MAB10383 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis using PTH monoclonal antibody, clone 2C7 (Cat # MAB10383) against PTH-hlgGfC transfected HEK293 cell lysate.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant PTH.
Immunogen	Recombinant protein corresponding to amino acids 1-115 of human PTH.
Host	Mouse
Theoretical MW (kDa)	12.9
Reactivity	Human
Form	Liquid
Isotype	IgG2b
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis using PTH monoclonal antibody, clone 2C7 (Cat # MAB10383) against PTH-hlgGfc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PTH

Entrez GeneID [5741](#)

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](#)