

# PTH Monoclonal Antibody

## Description

Product type	Primary Antibody
Code	BT-MCA1075
Host	Mouse
Isotype	lgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human PTH (aa1-115) expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	l mg/ml
Full name	Parathyroid hormone
Synonyms	PTH; Parathyroid hormone; PTH; Parathormone; Parathyrin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## Background

This gene encodes a member of the parathyroid family of proteins. The encoded preproprotein is proteolytically processed to generate a protein that binds to the parathyroid hormone/parathyroid hormone-related peptide receptor and regulates blood calcium and phosphate levels. Excess production of the encoded protein, known as hyperparathyroidism, can result in hypercalcemia and kidney stones. On the other hand, defective processing of the encoded protein may lead to hypoparathyroidism, which can result in hypocalcemia and numbness. Alternative splicing results in multiple transcript variants.

#### **Recommended Dilution**

ELISA: 1:10000 WB: 1:500 - 1:2000 Not yet tested in other applications.

#### **Images** <sup>kDa</sup> 1 <sup>170-</sup> <sup>130-</sup> <sup>96-</sup> <sup>72-</sup> <sup>56-</sup> <sup>43-</sup> ←

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Western Blot analysis using PTH Monoclonal antibody against PTH-hIgGFc transfected HEK293 cell lysate.

Storage -20°C for one year

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