

## ARG66504 anti-PTH / Parathyroid Hormone antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody recognizes PTH / Parathyroid Hormone
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Target Name	PTH / Parathyroid Hormone
Species	Human
Immunogen	Synthetic peptide derived from Human Parathyroid Hormone.
Conjugation	Un-conjugated
Alternate Names	PTH1; Parathyroid hormone; Parathyrin; Parathormone; PTH

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:500

**Application Note** IHC-P: Antigen Retrieval: Tris/EDTA buffer (pH 8.0) was used.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

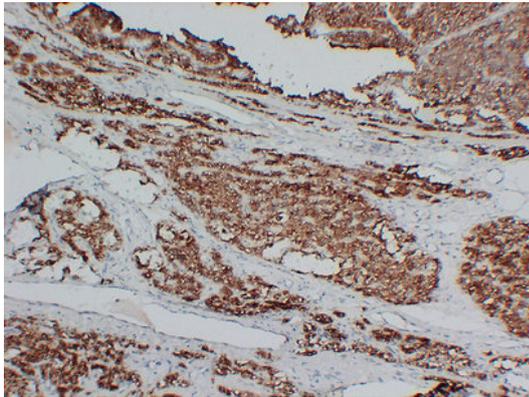
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	PTH
Gene Full Name	parathyroid hormone
Background	The protein encoded by this gene is a hormone secreted by parathyroid cells. This hormone elevates blood Ca <sup>2+</sup> 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, Jul 2008]
Function	PTH elevates calcium level by dissolving the salts in bone and preventing their renal excretion. Stimulates [1- <sup>14</sup> C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblastic cells. [UniProt]
Calculated Mw	13 kDa
Cellular Localization	Secreted. [UniProt]

## Images

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ARG66504 anti-PTH / Parathyroid Hormone antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human parathyroidoma stained with ARG66504 anti-PTH / Parathyroid Hormone antibody at 1:200 (4°C, overnight). Antigen Retrieval: Tris/EDTA buffer (pH 8.0) was used.