

## Parathyroid Hormone (PTH) (PT0210) mouse mAb (Ready to Use)

<b>Catalog No :</b>	YM6470R
<b>Reactivity :</b>	Human;
<b>Applications :</b>	IHC
<b>Target :</b>	Parathyroid Hormone
<b>Fields :</b>	>>Neuroactive ligand-receptor interaction;>>Parathyroid hormone synthesis, secretion and action;>>Endocrine and other factor-regulated calcium reabsorption;>>Rheumatoid arthritis
<b>Gene Name :</b>	PTH
<b>Protein Name :</b>	Parathyroid hormone (PTH) (Parathormone) (Parathyrin)
<b>Human Gene Id :</b>	5741
<b>Human Swiss Prot No :</b>	P01270
<b>Immunogen :</b>	Synthesized peptide derived from human Parathyroid Hormone (PTH) AA range: 50-115
<b>Specificity :</b>	The antibody can specifically recognize human Parathyroid Hormone protein.
<b>Formulation :</b>	The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300
<b>Source :</b>	Mouse, Monoclonal/IgG1, kappa
<b>Dilution :</b>	Ready to use for IHC
<b>Purification :</b>	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.
<b>Storage Stability :</b>	2°C to 8°C/1 year
<b>Background :</b>	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. [provided by RefSeq, Oct 2015],

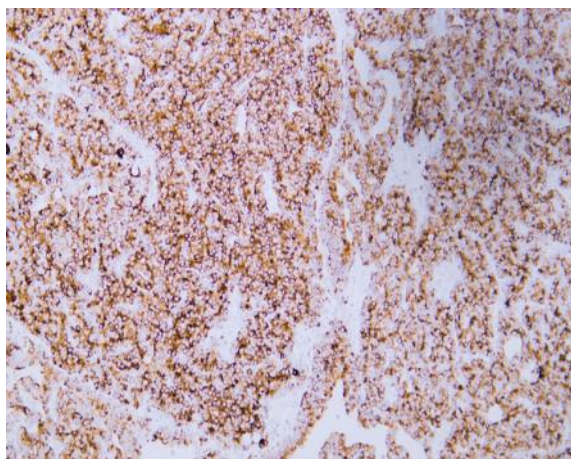
### Function :

disease:Defects in PTH are a cause of familial isolated hypoparathyroidism (FIH) [MIM:146200]. FIH exist both as autosomal dominant and recessive forms of hypoparathyroidism.,function:PTH elevates calcium level by dissolving the salts in bone and preventing their renal excretion.,online information:Parathyroid hormone entry,similarity:Belongs to the parathyroid hormone family.,

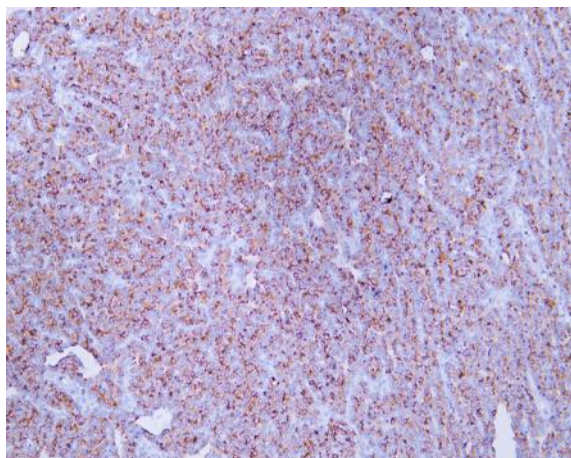
### Subcellular Location :

Cytoplasmic, Membranous

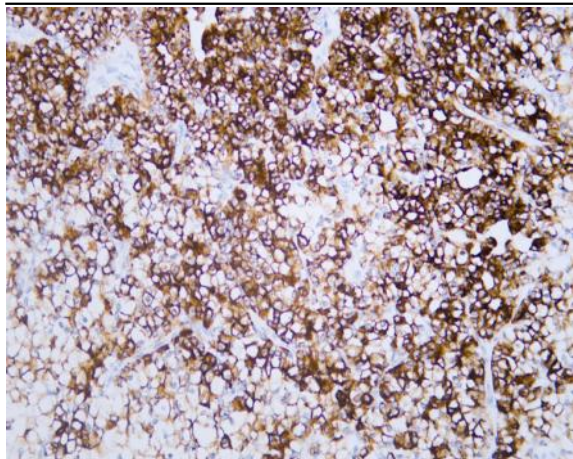
## Products Images



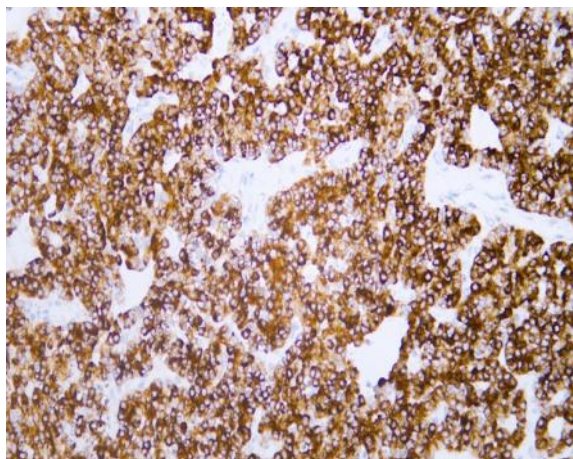
Human parathyroidoma tissue was stained with Anti-Parathyroid Hormone (ABT215) Antibody



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