

Mouse anti-Mouse, Rat PARATHYROID HORMONE Monoclonal Antibody | anti-PTH antibody

MOUSE ANTI HUMAN PARATHYROID HORMONE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA49201	Mouse	Mouse, Rat	Immunohistochemistry, ELISA, Immunohistochemistry

PRODUCT SYNONYMS

PARATHYROID HORMONE; Monoclonal Antibody; MOUSE ANTI HUMAN PARATHYROID HORMONE; anti-PTH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	BGN/1F8
Form/Format	Purified Purified IgG - liquid
Concentration	Approximate Protein Concentration: 1.0 mg/ml (varies by lot)
Sequence Length	115
Applicable Applications for anti-PTH antibody	IHC (Immunohistochemistry), ELISA, IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Buffer Solution	Phosphate buffered saline
Affinity	2 x 10 ⁷ with 1-34 PTH5 x 10 ⁸ with 1-84 PTH
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-PTH antibody	Mouse anti Human parathyroid hormone monoclonal antibody, clone BGN/1F8 recognizes human parathyroid hormone (PTH) also known as Parathyrin. PTH is a hormone produced by the parathyroid gland responsible for the regulation of calcium and phosphorus concentrations in extracellular fluid (Brown 1983). It is produced in the parathyroid gland as a 115 amino acid single chain polypeptide, bearing a 25 amino acid signal peptide, a 6amino acid propeptide sequence and an 84amino acid mature hormone. (Keutmann et al. 1978). Defects in this gene are a cause of familial isolated hypoparathyroidism (Arnold et al. 1990).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506267
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NCBI GeneID	5741
NCBI Accession #	NP_000306.1
NCBI GenBank Nucleotide #	NM_000315.2
UniProt Accession #	P01270; Q4VB48; Q9UD38
Molecular Weight	12,861 Da
NCBI Official Full Name	parathyroid hormone preproprotein
NCBI Official Synonym Full Names	parathyroid hormone
NCBI Official Symbol	PTH
NCBI Official Synonym Symbols	PTH1
NCBI Protein Information	parathyroid hormone; parathormone; parathyrin; parathyroid hormone 1; prepro-PTH; preproparathyroid hormone
UniProt Protein Name	Parathyroid hormone
UniProt Gene Name	PTH
UniProt Synonym Gene Names	PTH
UniProt Entry Name	PTHY_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/parathyroid-hormone-antibody-clone-bgn-1f8-immunohistochemistry-immunohistochemistry-elisa/49201>