

Product Datasheet

PTH Antibody (3H9 + PTH/1175) [Janelia Fluor® 525] - C-terminus, N-Terminus NBP2-47731JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47731JF525

PTH Antibody (3H9 + PTH/1175) [Janelia Fluor® 525] - C-terminus, N-Terminus

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	3H9 + PTH/1175
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa/IgG2b Kappa
Conjugate	Janelia Fluor 525
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	5741
Gene Symbol	PTH
Species	Human
Reactivity Notes	Predicted to react with Mouse. Rat. Rabbit. Bovine. Canine. Porcine. Deer. Orangutan.
Specificity/Sensitivity	Epitope of this monoclonal antibody maps in the C-terminus of PTH, a hormone produced by the parathyroid gland that regulates the concentration of calcium and phosphorus in extracellular fluid. This hormone elevates blood Ca ²⁺ levels by dissolving the salts in bone and preventing their renal excretion. It is produced in the parathyroid gland as an 84 amino acid single chain polypeptide. It can also be secreted as N-terminal truncated fragments or C-terminal fragments after intracellular degradation, as in case of hypercalcemia. Defects in this gene are a cause of familial isolated hypoparathyroidism (FIH); also called autosomal dominant hypoparathyroidism or autosomal dominant hypocalcemia. FIH is characterized by hypocalcemia and hyperphosphatemia due to inadequate secretion of parathyroid hormone. Symptoms are seizures, tetany and cramps. FIH exist both as autosomal dominant and recessive forms of hypoparathyroidism.
Immunogen	A synthetic peptide around aa 1-34 of human mature-PTH-polypeptide (exact sequence is proprietary) (3H9); A recombinant fragment around aa 32-115 of human mature PTH-polypeptide (exact sequence is proprietary) (Uniprot: P01270)
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP2-47731JF525

NBP2-35215-100ug	Recombinant Human PTH Protein
M6000B-1	IL-6 [HRP]
NBP2-35212-100ug	Recombinant Human PTH Protein
291-G1-200	IGF-I/IGF-1 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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