

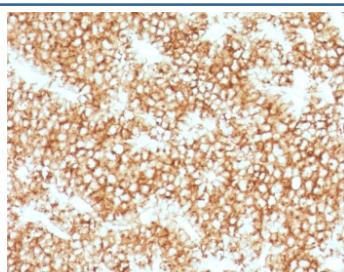
## Recombinant Parathyroid Hormone Antibody (N-Terminal) / Rabbit Monoclonal [clone PRTM1-1R] (V3765)

Catalog No.	Formulation	Size
V3765-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3765-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3765SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3765IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Recombinant RABBIT MONOCLONAL

**Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	PRTM1-1R
Purity	Protein A affinity chromatography
UniProt	P01270
Localization	Cytoplasmic and secreted
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1)
Limitations	This recombinant Parathyroid Hormone antibody is available for research use only.



IHC testing of FFPE human parathyroid gland stained with recombinant Parathyroid Hormone antibody (clone PRTM1-1R). Required HIER: steam sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min.

## Description

Parathyroid hormone (PTH), parathormone or parathyrin, is secreted by the chief cells of the parathyroid glands as a polypeptide containing 84 amino acids, yet effective hormone-receptor interaction requires solely the 34-N-terminal amino acids. While PTH acts to increase the concentration of ionic calcium ( $\text{Ca}^{2+}$ ) in the blood, calcitonin, a hormone produced by the parafollicular cells (C cells) of the thyroid gland, acts to decrease ionic calcium concentration. [Wiki]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant Parathyroid Hormone antibody may be required due to differences in protocols and secondary/substrate sensitivity.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

A synthetic peptide from the N-terminal region of human Parathyroid hormone was used as the immunogen for the recombinant Parathyroid Hormone antibody.

## Storage

Store the recombinant Parathyroid Hormone antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).