



Data Sheet

HUMAN PARATHYROID HORMONE (PTH) (aa 1-37)

ANTIBODY, MONOCLONAL

Catalog no.:	AK1102.1 / AK1102.2
Immunogen:	Synthetic human PTH peptide (aa 1-37) poly-Lysine conjugated
Synonyms:	Parathyrin, Parathormone
Swiss-Prot No:	P01270
Gene Information:	Gene name: PTH GeneID: 5741
Host:	Mouse Balb/c
Clone no.:	77/78
Isotype:	IgG ₁ kappa
Matrix:	Cellsupernatant, Protein G purified; 50 mM TRIS pH 7.4, 0.04% Thimerosal
Specificity:	Human PTH peptides (aa 24-37; 16-24; 1-84; 7-84; 1-34; 1-37; 1-38) There was no cross reactivity obtained with synthetic human PTH peptides (aa 1-3; 1-10).
Contents:	10 µg / 100 µg (lyophilized) Resuspend in 10 µl / 100 µl aqua bidest.
Known applications:	ELISA (50 ng/ml) ¹ , ILMA (50 ng/ml), immunohistochemistry (paraffin sections 1 µg/ml) This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions in their system using appropriate negative/positive controls.
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
References:	1. Mägerlein M, Hock D, Adermann K, Muller-Beckmann B, Neidlein R, Forssmann WG, Stein K (1998). A new immunoenzymometric assay for bioactive N-terminal human parathyroid hormone fragments and its application in pharmacokinetic studies in dogs. <i>Arzneimittelforschung</i> 48 (2): 199-204.
Last updated on:	27 April 2022

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