

Data Sheet

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

ANTIBODY, MONOCLONAL

Catalog no.:	AK1103.1 / AK1103.2
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. :	13/C6315
Isotype:	$IgG_{1\ kappa}$
Matrix:	Cell supernatant, 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 peptide (aa 1-3; 1-10).
Contents:	10 µg / 100 µg (lyophilized)
	Resuspend in 10 µl / 100 µl aqua bidest.
Known applications:	ELISA (50ng/ml)[1], ILMA (50 ng/ml), immunhistochemistry (1µg/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. Magerlein 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. *Arzneimittelforschung* **48**(2)**:** 199-204.
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