



## Data Sheet

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

## ANTIBODY, MONOCLONAL

<b>Catalog no.:</b>	AK1103.1 / AK1103.2
<b>Immunogen:</b>	Synthetic human PTH peptide (aa 1-37) poly-Lysine conjugated
<b>Synonyms:</b>	Parathyrin, Parathormone
<b>Swiss-Prot No:</b>	P01270
<b>Gene Information:</b>	Gene name: PTH GenelD: 5741
<b>Host:</b>	Mouse Balb/c
<b>Clone no. :</b>	13/C6315
<b>Isotype:</b>	IgG <sub>1</sub> kappa
<b>Matrix:</b>	Cell supernatant, Protein G purified, 50 mM TRIS pH 7.4, 0.04% Thimerosal
<b>Specificity:</b>	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).
<b>Contents:</b>	10 µg / 100 µg (lyophilized) Resuspend in 10 µl / 100 µl aqua bidest.
<b>Known applications:</b>	ELISA (50ng/ml) <sup>1</sup> , ILMA (50 ng/ml), immunohistochemistry (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.
<b>Store at:</b>	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
<b>References:</b>	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> <b>48</b> (2): 199-204.
<b>Last updated on:</b>	27 April 2022

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