

## Data Sheet

# HUMAN PARATHYROID HORMONE [PTH] (aa 1-38)

## ANTIBODY, MONOCLONAL

|                            |   |
|----------------------------|---|
| <b>Catalog no.:</b>        | AK 1105.1 / AK 1105.2   |
| <b>Immunogen:</b>          | Synthetic human PTH peptide (1-38) poly-Lysine conjugated (SVSEIQLMHNLGKHLNSMERVEWLRKKLQDVHNFVALG)  |
| <b>Synonyms:</b>           | Parathyrin, Parathormone  |
| <b>Swiss-Prot No:</b>      | P01270  |
| <b>Gene Information:</b>   | Gene name: PTH<br>GeneID: 5741  |
| <b>Host:</b>               | Mouse Balb/c  |
| <b>Clone no.:</b>          | B1/70   |
| <b>Isotype:</b>            | IgG <sub>1</sub>  |
| <b>Matrix:</b>             | Cell culture supernatant, affinity purified, 50 mM TRIS pH 7.4, 0.05% NaN <sub>3</sub>  |
| <b>Specificity:</b>        | Human PTH peptide (aa 15-25; 1-34; 1-38; 1-84; 7-84)<br>There was no cross reactivity obtained with synthetic human PTH (aa 1-3; 1-10; 4-16; 28-48; 39-84; 44-68; 53-84) nor with PTHrP (aa 1-86).  |
| <b>Contents:</b>           | 10 µg / 100 µg (lyophilized)<br>Resuspend in 10 µl / 100 µl aqua bidest.  |
| <b>Known applications:</b> | RIA (25 ng/ml), ELISA (1 µg/ml), immunohistochemistry (cryosections and paraffin sections, 2 µg/ml)<br><br>This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls  |
| <b>Store at:</b>           | 2-8 °C (lyophilized); - 20 °C (dissolved)<br>Repeated thawing and freezing must be avoided  |
| <b>References:</b>         | 1. Tampe J, Broszio P, Manneck HE, Missbichler A, Blind E, Muller KB, Schmidt-Gayk H, Armbruster FP (1992). Characterization of antibodies against human N-terminal parathyroid hormone by epitope mapping. <i>J Immunoassay</i> <b>13</b> (1): 1-13.<br>2. Gao P, Schmidt-Gayk H, Dittrich K, Nolting B, Maier A, Roth HJ, Seemann O, Reichel H, Ritz E, Schilling T (1996). Immunochemiluminometric assay with two monoclonal antibodies against the N-terminal sequence of human parathyroid hormone. <i>Clin Chim Acta</i> <b>245</b> (1): 39-59. |

**For research use only**



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