

Product Specification Sheet

Cat. #MA-30024

Mouse Monoclonal Parathyroid hormone (PTH); Ascites

SIZE : 100 ul

The protein encoded by this gene is a hormone secreted by parathyroid cells. This hormone elevates blood Ca<sup>2+</sup> level by dissolving the salts in bone and preventing their renal excretion. Defects in this gene are a cause of familial isolated hypoparathyroidism (FIH).

**Source of Antigen and Antibodies**

<b>Antigen</b>	Purified recombinant fragment of human PTH(aa1-115) expressed in E. Coli.
<b>Ab Host/type</b>	Balb/c mouse. IgG2b Ascetic fluid containing 0.05% sodium azide.
<b>2-Ab</b>	Goat Anti-mouse IgG-HRP conjugate Cat # 40320 (AP, biotin, FITC conjugates also available)
<b>-ve control IgG</b>	Cat # 20008-1, Mouse (non-immune) Serum IgG, purified, suitable for ELISA, Western, IHC as -ve control

**Isotype controls:**

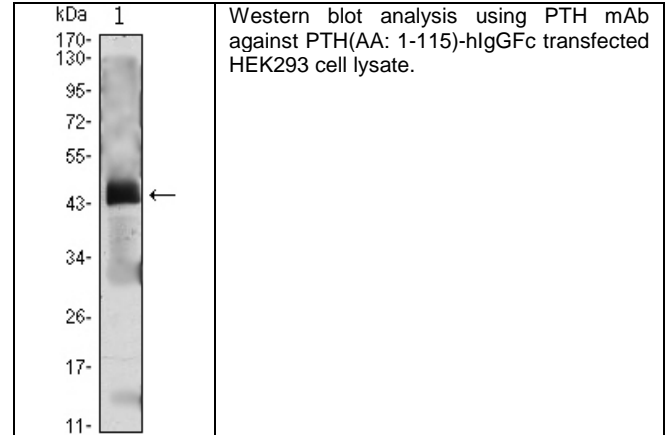
Catalog#	ProdDescription
20102-103	Mouse IgG2b isotype control, purified
20102-103-B	Mouse IgG2b-Biotin conjugate (isotype control)
20102-103-F	Mouse IgG2b-FITC conjugate (isotype control)
20102-103-FP	Mouse IgG2b-FITC-PE conjugate
20102-103-HP	Mouse IgG2b-HRP conjugate (isotype control)
20102-103-PC5	Mouse IgG2b-PE-Cy5 conjugate (isotype control)
20102-103-PE	Mouse IgG2b-PE conjugate (isotype control)

**Suggested Dilutions:**

Western blot	1:500 – 1:2000
Immunohistochemistry (IHC):	N/A
Immunocytochemistry (ICC):	N/A
Flow cytometry (FCM):	N/A
ELISA	1:5000 – 1:100000

**Form:** Antibodies are supplied in PBS, pH 7.5, 0.05% azide and 0.1% BSA in liquid (0.5-1 mg/ml) or lyophilized in the same buffer. Reconstitute powder in 100 ul water or PBS. Store at -20°C or below is suitable size Aliquotes.

**Shipping:** 4°C for solutions and room temp for powder.



**References:**

Eur Spine J. 2006 ;15(10):1521-8. Blood. 2008 ;111(9):4496-9.

*\*All products are for In vitro research use only.*

**Related material available from ADI**

MA-30025

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