

Mouse Monoclonal Antibody to PTH

Catalogue Number	sAP-0377
Target Molecule	Name: PTH Aliases: PTH1; PTH MW: 12.9kDa Entrez Gene ID: 5741
Description	The protein encoded by this gene is a hormone secreted by parathyroid cells. This hormone elevates blood Ca ²⁺ level by dissolving the salts in bone and preventing their renal excretion. Defects in this gene are a cause of familial isolated hypoparathyroidism (FIH).
Immunogen	Purified recombinant fragment of human PTH(aa1-115) expressed in E. Coli.
Recombinant Species	Human
Clone	MM2C7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Eur Spine J. 2006 Oct;15(10):1521-8. ; 2. Blood. 2008 May 1;111(9):4496-9. ; 3. Clin J Am Soc Nephrol. 2009 Sep;4(9):1465-76.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**