

Mouse Monoclonal Antibody to PTH1R

Catalogue Number	sAP-0438
Target Molecule	<p>Name: PTH1R</p> <p>Aliases: PFE; PTHR; PTHR1; MGC138426; MGC138452; PTH1R</p> <p>MW: 66kDa</p> <p>Entrez Gene ID: 5745</p>
Description	<p>The protein encoded by this gene is a member of the G-protein coupled receptor family 2. This protein is a receptor for parathyroid hormone (PTH) and for parathyroid hormone-like hormone (PTHrP). The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and also a phosphatidylinositol-calcium second messenger system. Defects in this receptor are known to be the cause of Jansen's metaphyseal chondrodysplasia (JMC), chondrodysplasia Blomstrand type (BOCD), as well as enchondromatosis. Two transcript variants encoding the same protein have been found for this gene.</p>
Immunogen	Purified recombinant fragment of human PTH1R expressed in E. Coli.
Reactive Species	Human
Clone	MM4D2;
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; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Int J Cancer. 2007 Sep 1;121(5):943-54. ; 2. Mol Endocrinol. 2008 Jan;22(1):156-66.

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**