



PTH1R Mouse Monoclonal Antibody

E10-30085

Background: 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 (PTHrH). 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.

Catalog Number: E10-30085
Amount: 100µg/100µl
Clone Number: 4D2
Species: Mouse IgG1
MW: 66kDa
Aliases: PFE; PTHR; PTHR1; MGC138426; MGC138452; PTH1R
Entrez Gene: 5745
Immunogen: Purified recombinant fragment of human PTH1R expressed in E. Coli.
Storage: Store at 4°C, for long term storage, store at -20°C.
Formulation: Ascitic fluid containing 0.03% sodium azide.
Species Reactivities: Human
Tested Applications: WB, IHC, IF, ELISA. Not yet tested in other applications.
Application notes: WB: 1/500 - 1/2000, IHC: 1/200-1/1000, IF: 1/200-1/1000, ELISA: Propose dilution 1/10000.

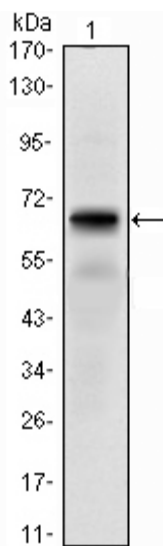


Figure 1: Western blot analysis using PTH1R mAb against PTH1R-hlgGfC transfected HEK293 cell lysate.

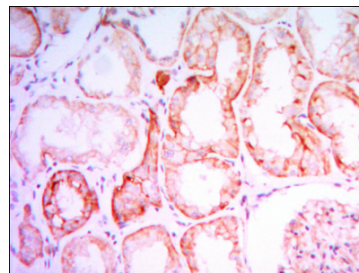


Figure 2: Immunohistochemical analysis of paraffin-embedded human kidney tissues using PTH1R mouse mAb with DAB staining.

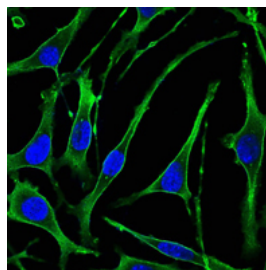


Figure 3: Immunofluorescence analysis of SK-BR-3 cells using PTH1R mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

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