
PTH1R (4D2) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253045

Unit: 0.1 ml

Description:

PTH1R (Parathyroid hormone 1 receptor) 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) and enchondromatosis.

Isotype: Mouse IgG1

Applications: WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH1 receptor; PTHR; PTHR1; PTH1R

Accession No.: Q03431

Antigen: Purified recombinant fragment of human PTH1R expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.