

Mouse anti-Human PTH1R Antibody | anti-PTH1R antibody

PTH1R Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108459	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

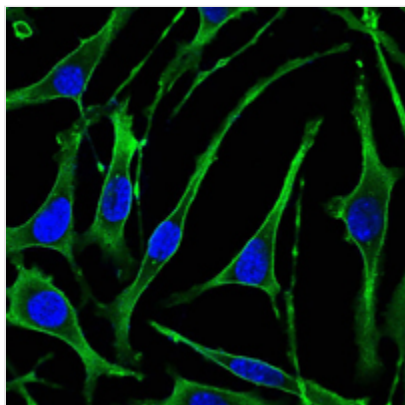
PRODUCT SYNONYMS

PTH1R; PTH1R Antibody; PFE; PTHR; PTHR1; MGC138426; MGC138452; anti-PTH1R antibody

PRODUCT SPECIFICATIONS

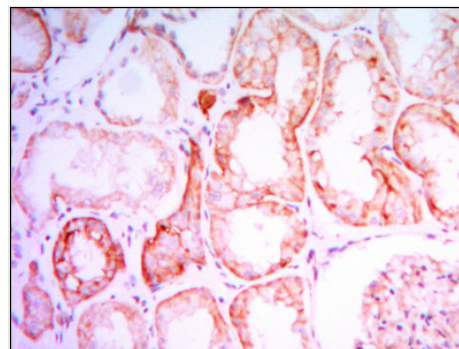
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	4D2
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	593
Applicable Applications for anti-PTH1R antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human PTH1R expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



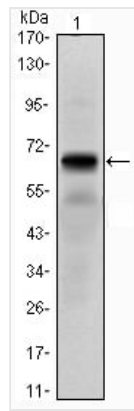
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-PTH1R antibody	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.
Product Categories/Family for anti-PTH1R antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506271
NCBI GeneID	5745
NCBI Accession #	NP_000307.1
NCBI GenBank Nucleotide #	NM_000316.2
UniProt Accession #	Q03431; Q2M1U3
Molecular Weight	66kDa
NCBI Official Full Name	parathyroid hormone/parathyroid hormone-related peptide receptor
NCBI Official Synonym Full Names	parathyroid hormone 1 receptor
NCBI Official Symbol	PTH1R
NCBI Official Synonym Symbols	PFE; PTHR; PTHR1
NCBI Protein Information	parathyroid hormone/parathyroid hormone-related peptide receptor
UniProt Protein Name	Parathyroid hormone/parathyroid hormone-related peptide receptor
UniProt Gene Name	PTH1R
UniProt Synonym Gene Names	PTHR; PTHR1; PTH/PTHr receptor; PTH1 receptor

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.