





## PTH/PTHrP-R Monoclonal Antibody

Purification Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.  Source Monoclonal, Mouse  Purification Affinity purification  Dilution Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PTH1R; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH1 receptor  Observed Band  Cell Pathway Cell membrane; Multi-pass membrane protein.  Tissue Specificity Expressed in most tissues. Most abundant in kidney, bone and liver.  Function disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE)		
Reactivity Human  Applications WB;IHC;IF;ELISA  Gene Name PTH1R  Protein Name Parathyroid hormone/parathyroid hormone-related peptide receptor  Immunogen Purified recombinant fragment of human PTH/PTHrP-R expressed in E. Coli.  Specificity PTH/PTHrP-R Monoclonal Antibody detects endogenous levels of PTH/PTHrP-R protein.  Formulation Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.  Source Monoclonal, Mouse  Purification Affinity purification  Dilution Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PTH1R; PTHR; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption, disease: Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (Box) PH1R are the cause of chondrodysplasia Blomstrand type (Box) Exercised by Mill; 1263501; PTE is a rare condition of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption, disease: Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (Box) as a rare familial autosomal recessive skeletal dysplasia, disease: Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (Box).	Catalog No	YP-Ab-12938
Applications WB;IHC;IF;ELISA  Gene Name PTH1R  Protein Name Parathyroid hormone/parathyroid hormone-related peptide receptor  Immunogen Purified recombinant fragment of human PTH/PTHrP-R expressed in E. Coli.  Specificity PTH/PTHrP-R Monoclonal Antibody detects endogenous levels of PTH/PTHrP-R protein.  Formulation Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.  Source Monoclonal, Mouse  Purification Affinity purification  Dilution Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PTH1R; PTHR; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH receptor  Observed Band  Cell Pathway Cell membrane; Multi-pass membrane protein.  Tissue Specificity Expressed in most tissues. Most abundant in kidney, bone and liver.  Function disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MiM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference, Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption, disease:Defects in PTH1R are the Cause of Eikne syndrome [MiM:600002;] also called Eikne skeletal dysplasia or bone modeling defect of hands and feet. Eikne skeletal dysplasia is altered and malalie granilial autosomal recessive skeletal dysplasia. It is characterized by multiple	Isotype	IgG
Gene Name         PTH1R           Protein Name         Parathyroid hormone/parathyroid hormone-related peptide receptor           Immunogen         Purified recombinant fragment of human PTH/PTHrP-R expressed in E. Coli.           Specificity         PTH/PTHrP-R Monoclonal Antibody detects endogenous levels of PTH/PTHrP-R protein.           Formulation         Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.           Source         Monoclonal, Mouse           Purification         Affinity purification           Dilution         Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         PTH1R; PTHR; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH/PTHR are a cause of primary failure of tooth eruption (PFE) [MIM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption, disease: Defects in PTH1R are the cause of ciknen syndrome [MIM:6000072;] also called effects in P	Reactivity	Human
Protein Name Parathyroid hormone/parathyroid hormone-related peptide receptor Immunogen Purified recombinant fragment of human PTH/PTHrP-R expressed in E. Coli.  Specificity PTH/PTHrP-R Monoclonal Antibody detects endogenous levels of PTH/PTHrP-F protein.  Formulation Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.  Source Monoclonal, Mouse  Purification Affinity purification  Dilution Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PTH1R; PTHR; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH/PTHr teceptor  Observed Band  Cell Pathway Cell membrane; Multi-pass membrane protein.  Expressed in most tissues. Most abundant in kidney, bone and liver.  disease: Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MIM: 125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pethway has been cleared by bone resorption, disease: Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MIM: 215045]. BOCD is a severe skeletal dysplasia. It is characterized by multiple and sultosmall recessive skeletal dysplasia. It is characterized by multiple	Applications	WB;IHC;IF;ELISA
Immunogen	Gene Name	PTH1R
Specificity PTH/PTHrP-R Monoclonal Antibody detects endogenous levels of PTH/PTHrP-F protein.  Formulation Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.  Source Monoclonal, Mouse  Purification Affinity purification  Dilution Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PTH1R; PTHR; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH/PTHr receptor; PTH/PTHr receptor; PTH/PTHr receptor; PTH/PTHr supplied in most tissues. Most abundant in kidney, bone and liver.  Cell Pathway Cell membrane; Multi-pass membrane protein.  Tissue Specificity Expressed in most tissues. Most abundant in kidney, bone and liver.  disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MIM:215350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to eruption disease:Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MIM:21505]. BOCD is a severe skeletal dysplasia, disease:Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia in called Eiken skeletal dysplasia. It is characterized by multiple	Protein Name	Parathyroid hormone/parathyroid hormone-related peptide receptor
Formulation Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.  Source Monoclonal, Mouse  Purification Affinity purification  Dilution Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PTH1R; PTHR; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTHI receptor  Observed Band  Cell Pathway Cell membrane; Multi-pass membrane protein.  Tissue Specificity Expressed in most tissues. Most abundant in kidney, bone and liver.  disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MIM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the ruptio eruptic mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorptiondisease:Defects in PTH1R are the cause of Eliken syndrome [MIM:600002]; also called Eliken skeletal dysplasia or bone modeling defect of hands and feet. Eliken syndrome is a rare familial autosomal recessive skeletal dysplasia. of scharacterized by multiple	Immunogen	Purified recombinant fragment of human PTH/PTHrP-R expressed in E. Coli.
Source         Monoclonal, Mouse           Purification         Affinity purification           Dilution         Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         PTH1R; PTHR; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH1 receptor           Observed Band         Cell membrane; Multi-pass membrane protein.           Tissue Specificity         Expressed in most tissues. Most abundant in kidney, bone and liver.           Function         disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MIM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption. disease:Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MM:215045]. BOCD is a severe skeletal dysplasia, disease:Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia or bone modeling defect of hands and feet. Eiken syndrome is a rare familial autosomal recessive skeletal dysplasia. It is characterized by multiple	Specificity	PTH/PTHrP-R Monoclonal Antibody detects endogenous levels of PTH/PTHrP-R protein.
Purification Affinity purification  Dilution Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PTH1R; PTHR; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHr type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTHI/PTHr receptor PTHI/PTHr receptor; Parathyroid hormone 1 receptor; PTHI/PTHr are a cause of primary failure of tooth eruption (PFE) [MIM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption. disease:Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MIM:215045]. BOCD is a severe skeletal dysplasia, disease:Defects in PTH1R are the cause of Elken syndrome [MIM:600002]; also called Elken skeletal dysplasia. It is characterized by multiple	Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Dilution  Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.  Concentration  1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  PTH1R; PTHR; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH1 receptor  Observed Band  Cell Pathway  Cell membrane; Multi-pass membrane protein.  Tissue Specificity  Expressed in most tissues. Most abundant in kidney, bone and liver.  disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MIM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption., disease:Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MIM:215045]. BOCD is a severe skeletal dysplasia., disease:Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia or bone modeling defect of hands and feet. Eiken syndrome is a rare familial autosomal recessive skeletal dysplasia. It is characterized by multiple	Source	Monoclonal, Mouse
applications.  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PTH1R; PTHR; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH1 receptor  Observed Band  Cell Pathway Cell membrane; Multi-pass membrane protein.  Tissue Specificity Expressed in most tissues. Most abundant in kidney, bone and liver.  Function disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MIM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption, disease:Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia, disease:Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia in the cause of Eiken syndrome is a rare familial autosomal recessive skeletal dysplasia. It is characterized by multiple	Purification	Affinity purification
Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PTH1R; PTHR1; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH1 receptor  Observed Band  Cell Pathway Cell membrane; Multi-pass membrane protein.  Tissue Specificity Expressed in most tissues. Most abundant in kidney, bone and liver.  Function disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MIM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption., disease:Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MIM:215045]. BOCD is a severe skeletal dysplasia., disease:Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia or bone modeling defect of hands and feet. Eiken syndrome is a rare familial autosomal recessive skeletal dysplasia. It is characterized by multiple	Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Synonyms  PTH1R; PTHR; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHr type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH1 receptor  Observed Band  Cell Pathway  Cell membrane; Multi-pass membrane protein.  Expressed in most tissues. Most abundant in kidney, bone and liver.  Function  disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MiM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption., disease:Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MIM:215045]. BOCD is a severe skeletal dysplasia., disease:Defects in PTH1R are the cause of Eiken syndrome [MiM:600002]; also called Eiken skeletal dysplasia or bone modeling defect of hands and feet. Eiken syndrome is a rare familial autosomal recessive skeletal dysplasia. It is characterized by multiple	Concentration	1 mg/ml
Synonyms  PTH1R; PTHR; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH1 receptor  Observed Band  Cell Pathway  Cell membrane; Multi-pass membrane protein.  Expressed in most tissues. Most abundant in kidney, bone and liver.  Function  disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MIM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption., disease:Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MIM:215045]. BOCD is a severe skeletal dysplasia., disease:Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia or bone modeling defect of hands and feet. Eiken syndrome is a rare familial autosomal recessive skeletal dysplasia. It is characterized by multiple	Purity	≥90%
peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH1 receptor  Observed Band  Cell Pathway  Cell membrane; Multi-pass membrane protein.  Expressed in most tissues. Most abundant in kidney, bone and liver.  Function  disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MIM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption.,disease:Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MIM:215045]. BOCD is a severe skeletal dysplasia.,disease:Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia or bone modeling defect of hands and feet. Eiken syndrome is a rare familial autosomal recessive skeletal dysplasia. It is characterized by multiple	Storage Stability	-20°C/1 year
Cell Pathway  Cell membrane; Multi-pass membrane protein.  Expressed in most tissues. Most abundant in kidney, bone and liver.  disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MIM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption., disease:Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MIM:215045]. BOCD is a severe skeletal dysplasia., disease:Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia or bone modeling defect of hands and feet. Eiken syndrome is a rare familial autosomal recessive skeletal dysplasia. It is characterized by multiple	Synonyms	peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid
Tissue Specificity  Expressed in most tissues. Most abundant in kidney, bone and liver.  disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MIM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption., disease:Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MIM:215045]. BOCD is a severe skeletal dysplasia., disease:Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia or bone modeling defect of hands and feet. Eiken syndrome is a rare familial autosomal recessive skeletal dysplasia. It is characterized by multiple	Observed Band	
disease:Defects in PTH1R are a cause of primary failure of tooth eruption (PFE) [MIM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption.,disease:Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MIM:215045]. BOCD is a severe skeletal dysplasia.,disease:Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia or bone modeling defect of hands and feet. Eiken syndrome is a rare familial autosomal recessive skeletal dysplasia. It is characterized by multiple	Cell Pathway	Cell membrane ; Multi-pass membrane protein .
[MIM:125350]. PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence of any obvious mechanical interference. Instead, malfunction of the eruptive mechanism itself appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption., disease:Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MIM:215045]. BOCD is a severe skeletal dysplasia., disease:Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia or bone modeling defect of hands and feet. Eiken syndrome is a rare familial autosomal recessive skeletal dysplasia. It is characterized by multiple	Tissue Specificity	Expressed in most tissues. Most abundant in kidney, bone and liver.
	Function	appears to cause nonankylosed permanent teeth to fail to erupt, although the eruption pathway has been cleared by bone resorption., disease:Defects in PTH1R are the cause of chondrodysplasia Blomstrand type (BOCD) [MIM:215045]. BOCD is a severe skeletal dysplasia., disease:Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia or bone modeling defect of hands and feet. Eiken syndrome is a rare familial autosomal recessive skeletal dysplasia. It is characterized by multiple



## UpingBio technology Co.,Ltd

C Tel: 400-999-8863 ■ Email:UpingBio@163.com



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 (PTHLH). 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 enchodromatosis. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, May 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

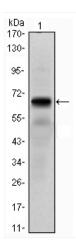




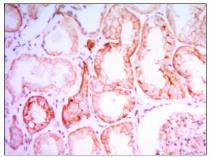




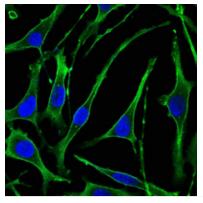
## **Products Images**



Western Blot analysis using PTH/PTHrP-R Monoclonal Antibody against PTH1R-hlgGFc transfected HEK293 cell lysate.



Immunohistochemistry analysis of paraffin-embedded human kidney tissues with DAB staining using PTH/PTHrP-R Monoclonal Antibody.



Immunofluorescence analysis of SK-BR-3 cells using PTH/PTHrP-R Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye.