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Product Information

Recombinant Anti-Human pth Antibody scFv Fragment

Cat. No.: **MOM-18605-S(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody scFv Fragment specifically binds to Human PTH, expressed in E. coli

Antigen Description

PTH elevates calcium level by dissolving the salts in bone and preventing their renal excretion. Stimulates [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblastic cells.

Specific Activity

Tested positive against native antigen.

Target

PTH

Immunogen

The details of the immunogen for this antibody are not available.

Source

Mouse

Species Reactivity

Human

Type

scFv

Expression Host

E. coli

Purity

>95.0%, determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

Storage

Store it under sterile conditions at -20°C upon receiving. Recommend to pack the protein into smaller quantities for optimal storage.

ANTIGEN GENE INFOMATION

Gene Name

PTH parathyroid hormone [Homo sapiens]

Official Symbol

PTH

Synonyms

PTH; parathyroid hormone; parathormone; parathyrin; parathyroid hormone 1; PTH1;

Gene ID

5741

mRNA Refseq

NM_000315

Protein Refseq

NP_000306

MIM

168450

UniProt ID

P01270

Chromosome Location

11p15.3-p15.1

Pathway

Class B/2 (Secretin family receptors), organism-specific biosystem; Endochondral Ossification, organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Osteoblast Signaling, organism-specific biosystem; Signal Transduction, organism-specific biosystem;

Function

hormone activity; parathyroid hormone receptor binding; peptide hormone receptor binding; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity;

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