

# Product Information

## Recombinant Anti-Human pth Antibody Fab Fragment

Cat. No.: **MOM-18605-F(P)**

This product is for research use only and is not intended for diagnostic use.

### Product Overview

Recombinant Mouse Antibody Fab Fragment binds selectively 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

Fab

### Expression Host

E. coli

### Purity

>95.0% as determined by analysis by SDS-PAGE.

### Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

### Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

## ANTIGEN GENE INFORMATION

### 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;