

# Product Information

## Recombinant Anti-Human fgf23 Antibody

Cat. No.: **MOM-18558**

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

### Product Overview

Recombinant Mouse Antibody is specific to Human FGF23, expressed in Chinese Hamster Ovary cells(CHO)

### Antigen Description

Regulator of phosphate homeostasis. Inhibits renal tubular phosphate transport by reducing SLC34A1 levels. Upregulates EGR1 expression in the presence of KL (By similarity). Acts directly on the parathyroid to decrease PTH secretion (By similarity). Regulator of vitamin-D metabolism. Negatively regulates osteoblast differentiation and matrix mineralization.

### Specific Activity

Tested positive against native antigen.

### Target

FGF23

### Immunogen

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

### Source

Mouse

### Species Reactivity

Human

### Type

IgG

### Expression Host

CHO

### Purity

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

### Applications

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

### Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

## ANTIGEN GENE INFORMATION

### Gene Name

[FGF23 fibroblast growth factor 23 \[ Homo sapiens \]](#)

**Official Symbol**

FGF23

**Synonyms**

FGF23; fibroblast growth factor 23;

**Gene ID**

[53406](#)

**mRNA Refseq**

[NM\\_020638.2](#)

**Protein Refseq**

[NP\\_065689.1](#)

**MIM**

[605380](#)

**UniProt ID**

Q9GZV9

**Chromosome Location**

12p13.3

**Pathway**

Activated point mutants of FGFR2; Disease; Downstream signaling of activated FGFR; FGF signaling pathway; FGFR ligand binding and activation; FGFR1 ligand binding and activation; FGFR1c and Klotho ligand binding and activation;

**Function**

growth factor activity; type 1 fibroblast growth factor receptor binding