

Product Information

Recombinant Anti-Human fgf23 Antibody Fab Fragment

Cat. No.: **MOM-18558-F(P)**

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

Product Overview

Recombinant Mouse Antibody Fab Fragment is against Human FGF23, expressed in E. coli

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

Fab

Expression Host

E. coli

Purity

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

Applications

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

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

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