

Product Information

Recombinant Anti-Human sfrp4 Antibody Fab Fragment

Cat. No.: **MOM-18490-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 SFRP4, expressed in E. coli

Antigen Description

Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types. SFRP4 may act as a regulator of adult uterine morphology and function. Increases apoptosis during ovulation possibly through modulation of FZ1/FZ4/WNT4 signaling (By similarity). Has phosphaturic effects by specifically inhibiting sodium-dependent phosphate uptake.

Specific Activity

Tested positive against native antigen.

Target

SFRP4

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

Purity

>95.0% as 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 -20°C. Avoid multiple freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[SFRP4 secreted frizzled-related protein 4 \[Homo sapiens \]](#)

Official Symbol

SFRP4

Synonyms

SFRP4; secreted frizzled-related protein 4; FRP 4; FRPHE; frpHE; sFRP-4; frizzled protein, human endometrium; FRP-4; MGC26498

Gene ID

[6424](#)

mRNA Refseq

[NM_003014](#)

Protein Refseq

[NP_003005](#)

MIM

[606570](#)

UniProt ID

Q6FHJ7

Chromosome Location

7p14.1

Pathway

Adipogenesis, organism-specific biosystem; Wnt Signaling Pathway, organism-specific biosystem; Wnt signaling pathway, organism-specific biosystem; Wnt signaling pathway, conserved biosystem;

Function

PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding;