

Product Information

Recombinant Anti-Human gpc3 Antibody Fab Fragment

Cat. No.: **MOM-18570-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 GPC3, expressed in E. coli

Antigen Description

Cell surface proteoglycan that bears heparan sulfate. Inhibits the dipeptidyl peptidase activity of DPP4. May be involved in the suppression/modulation of growth in the predominantly mesodermal tissues and organs. May play a role in the modulation of IGF2 interactions with its receptor and thereby modulate its function. May regulate growth and tumor predisposition.

Specific Activity

Tested positive against native antigen.

Target

GPC3

Immunogen

Purified recombinant fragment of Human Glypican 3.

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

Purity

>95.0% as determined by analysis by RP-HPLC.

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

[GPC3 glypican 3 \[Homo sapiens \]](#)

Official Symbol

GPC3

Synonyms

GPC3; glypican 3; SDYS; glypican-3; DGSX; glypican proteoglycan 3; OCI 5; SGB; SGBS; SGBS1; secreted glypican-3; intestinal protein OCI-5; heparan sulphate proteoglycan; MXR7; OCI-5; GTR2-2;

Gene ID

[2719](#)

mRNA Refseq

[NM_001164617](#)

Protein Refseq

[NP_001158089](#)

MIM

[300037](#)

UniProt ID

P51654

Chromosome Location

Xq26

Pathway

Glypican 3 network, organism-specific biosystem; Glypican pathway, organism-specific biosystem;

Function

heparan sulfate proteoglycan binding; peptidyl-dipeptidase inhibitor activity; protein binding;