

# Product Information

## Recombinant Anti-Human gpc3 Antibody

Cat. No.: **MOM-18570**

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

### Product Overview

Recombinant Mouse Antibody is specific to Human GPC3, expressed in Chinese Hamster Ovary cells(CHO)

### 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

IgG

### Expression Host

CHO

### Purity

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

### Applications

Suitable for use in Neut, IHC 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

[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;