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# Product Information

## Recombinant Anti-Human GPC3 Antibody Fab Fragment

Cat. No.: **MOM-H14-F(P)**
This product is for research use only and is not intended for diagnostic use.

### Product Overview

Recombinant Humanized Antibody Fab Fragment specifically binds to Human GPC3, expressed in E. coli

### Antigen Description

This gene encodes an enzyme with hydroxypyruvate reductase, glyoxylate reductase, and D-glycerate dehydrogenase enzymatic activities. The enzyme has widespread tissue expression and has a role in metabolism. Type II hyperoxaluria is caused by mutations in

### Specific Activity

GPC3 (glypican 3) [Homo sapiens]

### Target

GPC3

### Source

Humanized

### Species Reactivity

Human

### Type

Humanized Fab-IgG1 - kappa

### Expression Host

E. coli

### Purity

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

### Purification

Purified by Nickel ion affinity chromatography

### Applications

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

### Cellular Localization

kappa

### Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

## ANTIGEN GENE INFOMATION

**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;

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