

Product Information

Recombinant Anti-Human GPC3 Antibody

Cat. No.: **MOM-H14**

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

Product Overview

Recombinant Humanized Antibody specifically binds to Human GPC3, expressed in HEK293

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 IgG1 - kappa

Expression Host

HEK293

Purity

>95.0% as determined by analysis by SDS-PAGE.

Purification

Purified by protein-A affinity chromatography.

Applications

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

Cellular Localization

kappa

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;