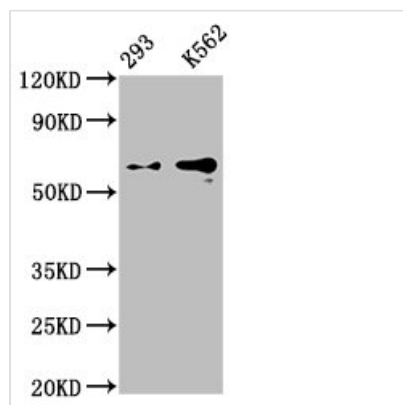




# GPC3 Recombinant Monoclonal Antibody

<b>Product Code</b>	CSB-RA009705A0HU
<b>Abbreviation</b>	Glypican-3
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P51654
<b>Immunogen</b>	A synthesized peptide derived from human GPC3
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB, IF; Recommended dilution: WB:1:500-1:5000, IF:1:20-1:200
<b>Relevance</b>	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.
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Alias</b>	Glypican-3, GTR2-2, Intestinal protein OCI-5, MXR7, Secreted glypican-3, GPC3, OCI5
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Stem Cells
<b>Target Names</b>	GPC3
<b>Clone No.</b>	4H11

## Image



### Western Blot

Positive WB detected in: 293 whole cell lysate, K562 whole cell lysate

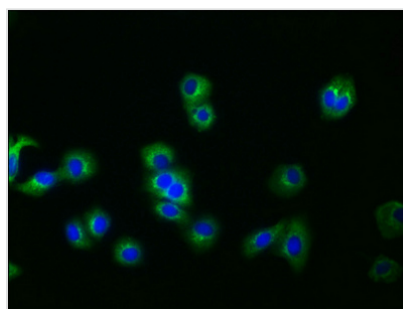
All lanes: GPC3 antibody at 0.9µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 66, 60, 69 KDa

Observed band size: 66 KDa



Immunofluorescence staining of HepG2 cells with CSB-RA009705A0HU at 1:30, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4?. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

## Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.