

Recombinant Glypican 3 Monoclonal Antibody

catalog number: **AN301534L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

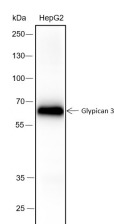
Description

Reactivity	Human;
Immunogen	Recombinant human Glypican 3 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A233
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

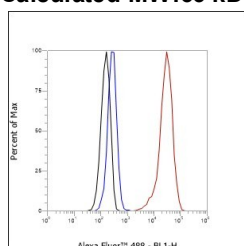
Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50
FCM	1:50-1:100
IP	1:50-1:100

Data

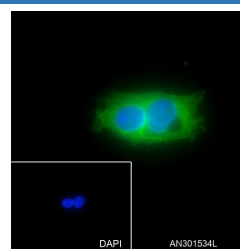


Western Blot with Glypican 3 Monoclonal Antibody at dilution of 1:2000. Lane 1: HepG2

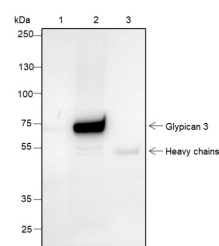
Observed-MW:66 kDa
Calculated-MW:66 kDa



Flow cytometric analysis of human Glypican 3 expression on HepG2 cells. Cells were stained with purified anti-Human Glypican 3, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed HepG2 cells using anti-Glypican 3 Monoclonal Antibody at dilution of 1:50.



Immunoprecipitation analysis using anti-Glypican 3 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using Glypican 3 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: Glypican 3 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:66 kDa
Calculated-MW:66 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

For Research Use Only

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Rev. V1.0

Shipping

Ice bag

Background

Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. The protein encoded by this gene can bind to and inhibit the dipeptidyl peptidase activity of CD26, and it can induce apoptosis in certain cell types. Deletion mutations in this gene are associated with Simpson-Golabi-Behmel syndrome, also known as Simpson dysmorphia syndrome. Alternative splicing results in multiple transcript variants.

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