

ABflo® 647 Rabbit anti-Human Glypican 3 (GPC3) mAb

Catalog No.: A22632

Basic Information

Observed MW

Calculated MW

66kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC56916-ABf647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

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.

Immunogen Information

Gene ID

2719

Swiss Prot

P51654

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 481-580 of human Glypican 3 (GPC3) (NP_004475.1).

Synonyms

SGB; DGSX; MXR7; SDYS; SGBS; OCI-5; SGBS1; GTR2-2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

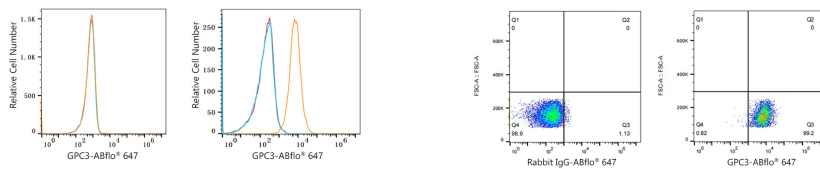
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 K-562 cells (negative control, Left) and HepG2 cells (Right) were surface-stained with ABflo® 647 Rabbit anti-Human Glypican 3 (GPC3) mAb (A22632, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 HepG2 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Human Glypican 3 (GPC3) mAb (A22632, 5 μ l/Test, right).