

Mouse anti-Human, Dog Glypican-3 Monoclonal Antibody

Glypican-3

CATALOG # AAA59257	HOST Mouse	REACTIVITY Human, Dog
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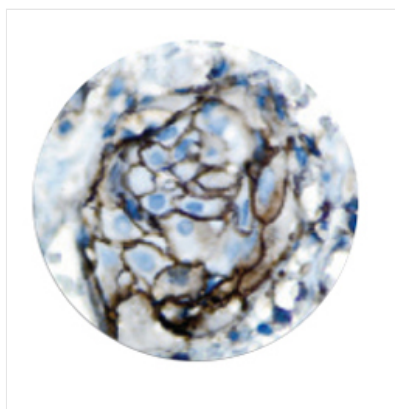
PRODUCT SYNONYMS

Glypican-3; Monoclonal Antibody; anti-Glypican-3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Dog
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1G12
Form/Format	Glypican-3 is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated,
Control	Hepatocellular Carcinoma
Localization	Cytoplasmic
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohiostchemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:500-1:2000	0.1 ml
Concentrated	1:500-1:2000	0.5 ml
Concentrated	1:500-1:2000	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-Glypican-3 antibody	Glypican 3, also known as GPC3, is a human gene. The protein encoded by this gene is a member of the glypican family. 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. GPC3 has been identified to be a useful tumor marker for the identification of Hepatocellular Carcinoma (HCC), Hepatoblastoma, Melanoma, Testicular Germ Cell Tumors, and Wilms Tumor. In patients with HCC, GPC3 was overexpressed in neoplastic liver tissue and elevated in serum but was undetectable in normal liver, benign liver, and the serum of healthy donors. GPC3 expression was also found to be higher in HCC liver tissue than in cirrhotic liver or liver with focal lesions such as dysplastic nodules and areas of hepatic adenoma (HA) with malignant transformation. In the context of Testicular Germ Cell Tumors, GPC3 expression is up-regulated in certain histologic subtypes, specifically Yolk Sac Tumors and Choriocarcinoma. A high level of GPC3 expression has also been found in some types of embryonal tumors, such as Wilms Tumor and Hepatoblastoma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2599578
NCBI Official Full Name	glypican 3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/glypican-3-antibody-clone-1g12-elisa/59257>