

#### 44-1123: Anti-Glypican-3 Monoclonal Antibody (Clone:IHC405)(Discontinued)

|                           |  |
|---------------------------|--|
| <b>Clonality :</b>        | Monoclonal   |
| <b>Clone Name :</b>       | IHC405   |
| <b>Application :</b>      | IHC  |
| <b>Reactivity :</b>       | Human  |
| <b>Gene :</b>             | GPC3   |
| <b>Gene ID :</b>          | 2719   |
| <b>Uniprot ID :</b>       | P51654   |
| <b>Format :</b>           | Purified   |
| <b>Alternative Name :</b> | GPC3, OCI5, GTR2-2, Intestinal protein OCI-5, MXR7 |

#### Description

Glypican-3 (GPC3) is a GPI-anchored proteoglycan involved in cell division and growth regulation. Glypican-3 is a useful tumor marker, and its expression has been shown to be upregulated in hepatocellular carcinoma (HCC), hepatoblastoma, melanoma, testicular germ cell tumors, and Wilms' tumor. Patients with HCC have presented elevated levels of GPC3 in the neoplastic liver tissues and serum, which is higher than cirrhotic liver or liver with focal lesions including those with hepatic adenoma and dysplastic nodules. Glypican-3 is also overexpressed in testicular germ cell tumors of certain subtypes, such as yolk sac tumors and choriocarcinoma, and in embryonal tumors.

#### Product Info

|                            |                            |
|----------------------------|----------------------------|
| <b>Amount :</b>            | 0.1 ml / 1 ml              |
| <b>Purification :</b>      | Protein A/G Chromatography |
| <b>Storage condition :</b> | Store at 2°C - 8°C.        |

#### Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

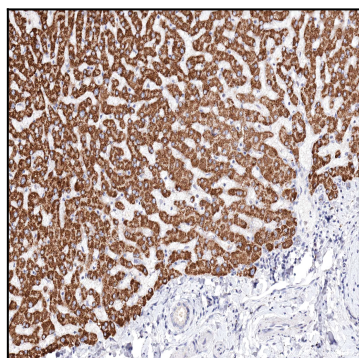


Figure 1: Immunohistochemical analysis of Glypican-3 (IHC405) on Liver