

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

Clonality :	Monoclonal
Clone Name :	IHC405
Application :	IHC
Reactivity :	Human
Gene :	GPC3
Gene ID :	2719
Uniprot ID :	P51654
Format :	Purified
Alternative Name :	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

Amount :	0.1 ml / 1 ml
Purification :	Protein A/G Chromatography
Storage condition :	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.

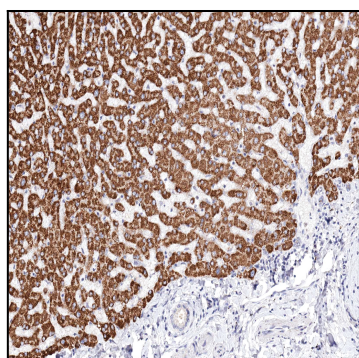


Figure 1: Immunohistochemical analysis of Glypican-3 (IHC405) on Liver