

Product datasheet      MON-RTU1117

**MONOSAN**<sup>®</sup>

Mouse anti-Glypican 3, clone 1G12

Clone no.      1G12

MONOSAN Ready To Use

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Product name	Mouse anti-Glypican 3, clone 1G12
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	1G12
Size	7 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Glypican-3 (GPC3) is a membrane-bound heparin sulfate proteoglycan known to participate in cell growth and differentiation. GPC3 expression has been observed in the majority of hepatocellular carcinomas (HCC), but is rarely expressed in non-neoplastic hepatic tissue, making it a useful marker for HCC. Additionally, this marker is expressed in many yolk sac tumors.

**References**

1. Kandil DH, et al. Adv Anat Pathol. 2009; 16:125-9
2. Coston WMP, et al. Am J Surg Pathol. 2008; 32:433-44
3. Capurro M, et al. Gastroenterology. 2003; 125:89-97
4. Zynger DL, et al. Am J Surg Pathol. 2006; 30:1570-5
5. -

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