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[Primary Antibody]

Recombinant Rabbit Anti-GPC3 Monoclonal Antibody

Catalog Number: SLA0779M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/Kappa
Clonality:	Monoclonal
Clone No.:	7G9
SWISS:	P51654
Target:	GPC3
Immunogen:	Synthesized peptide derived from human Glypican-3(GPC3)
Purification:	affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	65 kDa
Background:	Glypican 3 is a carcinoembryonic protein and belongs to the heparan sulfate polysaccharide family. It is mainly expressed in fetal liver , kidney and trophoblast , but not in other normal tissues. Glypican 3 is a sensitive and specific marker of hepatocellular carcinoma. Its expression is related to differentiation. The lower the degree of differentiation , the higher the expression. It is highly expressed in ovarian yolk sac tumor , choriocarcinoma and melanoma.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.