



Recombinant Glypican 3 Antibody [GPC3/1534R]

Cat. No.: 34-078



Ψ Specifications

HOST SPECIES:	Rabbit
SPECIES REACTIVITY:	Human, Rat
IMMUNOGEN:	A partial human protein was used as the immunogen for the recombinant Glypican-3 antibody.
TESTED APPLICATIONS:	Flow, IF, IHC-P
APPLICATIONS:	<p>Flow Cytometry: 0.5-1ug/10e6 cells in 0.1ml</p> <p>Immunofluorescence: 0.5-1 ug/ml</p> <p>Immunohistochemistry (FFPE): 0.5-1 ug/ml for 30 min at RT</p> <p>Prediluted IHC only format: incubate for 30 min at RT (1)</p> <p>Optimal dilution of the recombinant Glypican-3 antibody should be determined by the researcher.</p> <p>1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.</p>

Ψ Properties

PURIFICATION:	Protein A affinity chromatography
CLONALITY:	Monoclonal
ISOTYPE:	IgG, kappa
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	PBS with 0.1 mg/ml BSA and 0.05% sodium azide
CONCENTRATION:	0.2 mg/mL
STORAGE CONDITIONS:	Aliquot and Store at 2-8 °C. Avoid freeze-thaw cycles.

Additional Info

OFFICIAL SYMBOL:	GPC3
ALTERNATE NAMES:	Glypican-3, GTR2-2, Intestinal protein OCI-5, MXR7, Secreted glypican-3, GPC3, OCI5
GENE ID:	2719
USER NOTE:	Optimal dilutions for each application to be determined by the researcher

Background and References

BACKGROUND:	Glypican-3 is a proteoglycan that bears heparan sulfate. Inhibits the dipeptidyl peptidase activity of DPP4. May be involved in the suppression/modulation of growth in the predominantly mesodermal tissues and organs. May play a role in the modulation of IGF2 interactions with its receptor and thereby modulate its function. May regulate growth and tumor predisposition. [UniProt]
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