

Glypican 1 Antibody FITC Conjugated

Catalog No: #C04096F

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Description

Product Name	Glypican 1 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 350-400 558 derived from human glypican 1
Conjugates	FITC
Target Name	Glypican 1
Other Names	glypican; Glypican-1; GPC1
Accession No.	Swiss-Prot#P35052NCBI Gene ID2817
Uniprot	P35052
GeneID	2817;
Excitation Emission	494nm 518nm
Cell Localization	Secreted, Membrane bound
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IHC-P=1:50-200 IHC-F=1:50-200

Background

Cell surface proteoglycan that bears heparan sulfate. Binds, via the heparan sulfate side chains, alpha-4 (V) collagen and participates in Schwann cell myelination (By similarity). May act as a catalyst in increasing the rate of conversion of prion protein PRPN(C) to PRNP(Sc) via associating (via the heparan sulfate side chains) with both forms of PRPN, targeting them to lipid rafts and facilitating their interaction. Required for proper skeletal muscle differentiation by sequestering FGF2 in lipid rafts preventing its binding to receptors (FGFRs) and inhibiting the FGF-mediated signaling.

Note: This product is for in vitro research use only