

Recombinant Glypican-1 Antibody

Rabbit Monoclonal Antibody [Clone GPC1/17017R]

Catalog No	Format	Size
2817-RBM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2817-RBM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2817-RBM2-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

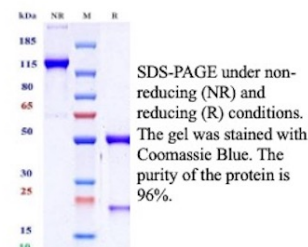
Product Details

Clone	GPC1/17017R
Immunogen	Recombinant human GPC1 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	61.68kDa
Cellular Localization	Cell membrane, Endosome, Extracellular space, Secreted
Species Reactivity	Human

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Glypican-1 Antibody

Purity: SDS-PAGE



SDS-PAGE Analysis of Purified Recombinant Glypican-1 Rabbit Monoclonal Antibody (GPC1/17017R). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

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.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.