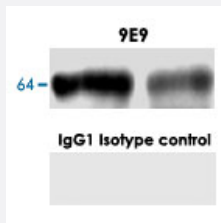


# GPC1 monoclonal antibody, clone 9E9

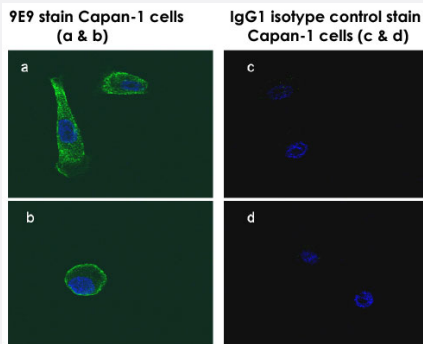
Catalog # MAB8351      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis in normal mouse brain with GPC1 monoclonal antibody, clone 9E9 (Cat # MAB8351). A band of approx. 64 kDa is detected.



### Immunofluorescence

Immunofluorescence staining of human pancreatic carcinoma cell line Capan-1 with Western blot analysis in normal mouse brain with GPC1 monoclonal antibody, clone 9E9 (Cat # MAB8351).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against full length recombinant GPC1.
<b>Immunogen</b>	Recombinant protein corresponding to full length human GPC1.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse
<b>Specificity</b>	This antibody recognizes native and recombinant human and mouse glypican-1.
<b>Form</b>	Liquid

Isotype	IgG1
Recommend Usage	ELISA (1-5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Tissue lysate)

Western blot analysis in normal mouse brain with GPC1 monoclonal antibody, clone 9E9 (Cat # MAB8351). A band of approx. 64 kDa is detected.

- Immunofluorescence

Immunofluorescence staining of human pancreatic carcinoma cell line Capan-1 with Western blot analysis in normal mouse brain with GPC1 monoclonal antibody, clone 9E9 (Cat # MAB8351).

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — GPC1

Entrez GeneID	<a href="#">2817</a>
Gene Name	GPC1
Gene Alias	FLJ38078, glypican
Gene Description	glypican 1
Omim ID	<a href="#">600395</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. [provided by RefSeq]
Other Designations	glypican proteoglycan 1

## Publication Reference

- [Regulation of bone morphogenetic protein signalling and cranial osteogenesis by Gpc1 and Gpc3.](#)

Dwivedi PP, Grose RH, Filmus J, Hii CS, Xian CJ, Anderson PJ, Powell BC.

Bone 2013 Aug; 55(2):367.

Application: WB, Human, Human suture mesenchymal cells

## Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)