

## Glypican-1 Monoclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 34029

**Size:** 100 µg Protein G-purified antibody in PBS, pH 7.4.

### SPECIFICATION SUMMARY

**Antigen:** Recombinant full-length human glypican-1.

**Clone no.:** 9E9

**Host Species:** Mouse

**Antibody Class:** IgG1

**Stabilizers:** None

**Preservatives:** None. Available on request.

### BACKGROUND

Glypican-1 is a widely expressed, GPI anchored, cell surface proteoglycan that has been reported to be important in cellular adhesion and migration. Glypican-1 also functions as an accessory molecule for signaling receptors. Glypican-1 is overexpressed in human gliomas and pancreatic ductal cell carcinomas. Expression of glypican-1 is associated with the aggressive behavior of tumor cells *in vitro* and *in vivo*.

### SPECIFICITY

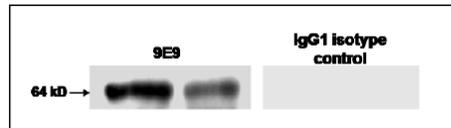
This antibody recognizes native and recombinant human and mouse glypican-1.

### APPLICATIONS

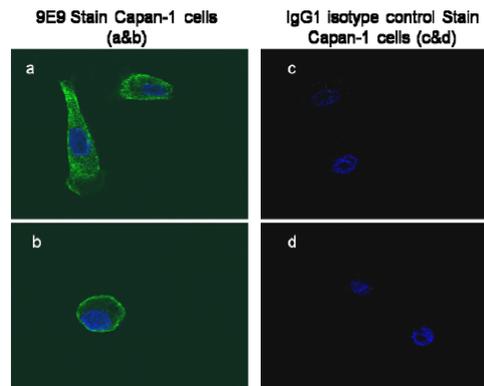
**ELISA:** at 1-5ug/ml will detect recombinant glypican-1 on the solid phase at 200ng/well.

### APPLICATIONS (continued)

**Immunoblotting:** at 1-10ug/ml, a band of approx. 64 kDa is detected in normal mouse brain.



**Immunofluorescence:** at 1-10ug/ml, positive staining of human pancreatic carcinoma cell line Capan-1.



These are recommended concentrations. User should determine optimal concentrations for their applications.

### DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

### STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.