

Datasheet for ABIN7543423

Recombinant anti-GPC1 antibody



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Overview

Quantity:	100 µg
Target:	GPC1
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This GPC1 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Glypican-1 [AbAb-GPC1], Mouse IgG1, kappa
Immunogen:	The original antibody was generated by immunizing 6-week-old healthy New Zealand female white rabbits subcutaneously with human glypican-1.
Clone:	AbAb-GPC1
Isotype:	IgG1 kappa
Specificity:	This antibody binds human glypican-1, which is a cell surface proteoglycan that bears heparan sulfate. This protein is required for skeletal muscle differentiation. Glypican-1 (GPC1) was significantly expressed in serum exosomes of patients with pancreatic cancer and so GPC1 is considered as a tumor marker for pancreatic cancer.
Characteristics:	Original Species of Ab: Rabbit Original Format of Ab: IgG

Product Details

Purification: Protein A affinity purified

Target Details

Target: GPC1

Alternative Name: Glypican-1 ([GPC1 Products](#))

Background: GPC1

UniProt: [P35052](#)

Pathways: [Glycosaminoglycan Metabolic Process](#), [Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: The binding characterization of this antibody to human glypican-1 was determined using ELISA. The binding of this antibody to human glypican-1 expressed on the surface of human breast cancer cell line MDA-MB-231 was determined using flow cytometry (CN112300283).

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % Proclin 300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.