

For Research Use Only

GPC1 Recombinant antibody, PBS Only (Detector)



Catalog Number: 83318-4-PBS

Basic Information

Catalog Number: 83318-4-PBS	GenBank Accession Number: BC051279	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2817	CloneNo.: 240207G5
Source: Rabbit	UNIPROT ID: P35052	
Isotype: IgG	Full Name: glypican 1	
	Calculated MW: 558 aa, 62 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, Cytometric bead array

Species Specificity:
Human

Product Information

83318-4-PBS targets GPC1 as part of a matched antibody pair:

MP00342-1: 83318-2-PBS capture and 83318-4-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

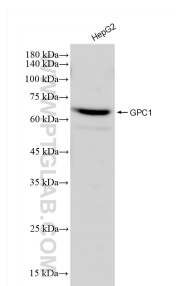
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

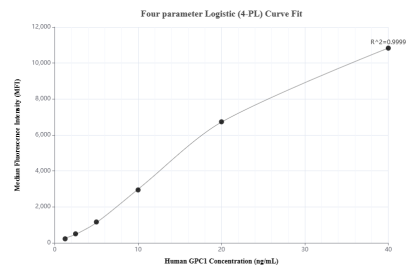
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

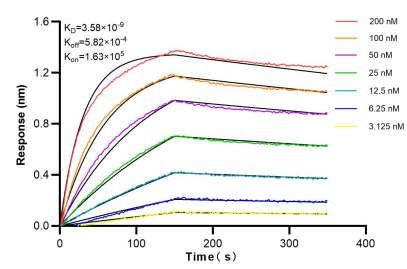
Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 83318-4-RR (GPC1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83318-4-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00342-1, GPC1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83318-2-PBS. Detection antibody: 83318-4-PBS. Standard: Eg0737. Range: 1.25-40 ng/mL



Biolayer interferometry (BLI) kinetic assays of 83318-4-RR against Human GPC1 were performed. The affinity constant is 3.58 nM.