

For Research Use Only

GYPC Recombinant antibody

Catalog Number: 86574-1-RR



Basic Information

Catalog Number:	86574-1-RR	GenBank Accession Number:	BC104246	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by 2995	GenID (NCBI):		CloneNo.:	251100D5
Nanodrop:		UNIPROT ID:		Recommended Dilutions:	WB: 1:500-1:2000
Source:	Rabbit	Full Name:	glycophorin C (Gerbich blood group)		
Isotype:	IgG	Calculated MW:	14 kDa		
Immunogen Catalog Number:	EG4905	Observed MW:	35-40 kDa		

Applications

Tested Applications:	WB, ELISA	Positive Controls:	
Species Specificity:	human, mouse, rat	WB:	K-562 cells, MDA-MB-453 cells, Ramos cells, THP-1 cells, HL-60 cells, mouse liver tissue, rat liver tissue

Background Information

Glycophorin-C, encoded by the GYPC gene, is a minor sialoglycoprotein in human erythrocyte membranes. Glycophorin-C interacts with protein 4.1R (EPB41) and plays an important role in regulating the mechanical stability of red cells. Glycophorin C acts as the receptor for the Plasmodium falciparum erythrocyte binding ligand PfEBP-2 (baebl). Glycophorin-D, also encoded by the GYPC gene, is now known as a variant of Glycophorin-C. This antibody is raised against the full-length protein of human Glycophorin-C. The apparent molecular weight of Glycophorin-C is larger than the calculated molecular weight due to glycosylation.

Storage

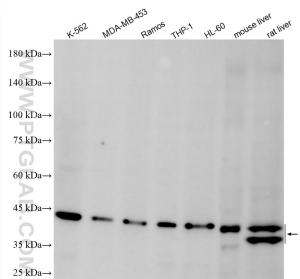
Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86574-1-RR (GYPC antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.