

For Research Use Only

# GYPC Recombinant antibody, PBS Only

Catalog Number: 86574-1-PBS



## Basic Information

Catalog Number:	86574-1-PBS	GenBank Accession Number:	BC104246	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GenID (NCBI):	2995	CloneNo.:	251100D5
Source:	Rabbit	UNIPROT ID:	P04921		
Isotype:	IgG	Full Name:	glycophorin C (Gerbich blood group)		
Immunogen Catalog Number:	EG4905	Calculated MW:	14 kDa		
		Observed MW:	35-40 kDa		

## Applications

### Tested Applications:

WB, Indirect ELISA

### Species Specificity:

human, mouse, rat

## 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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

### Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

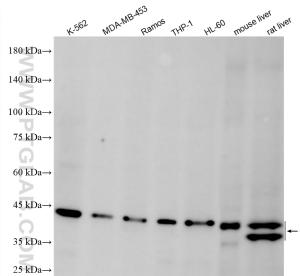
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## Selected Validation Data



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. This data was developed using the same antibody clone with 86574-1-PBS in a different storage buffer formulation.