

For Research Use Only

GYPC Recombinant antibody, PBS Only

Catalog Number: 86574-1-PBS



Basic Information

Catalog Number:

86574-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG4905

GenBank Accession Number:

BC104246

GeneID (NCBI):

2995

UNIPROT ID:

P04921

Full Name:

glycophorin C (Gerbich blood group)

Calculated MW:

14 kDa

Observed MW:

35-40 kDa

Purification Method:

Protein A purification

CloneNo.:

251100D5

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:

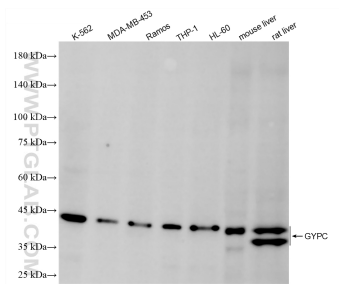
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

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.