

## Anti-GYPC Antibody

Catalog Number: A05974-1

### About GYPC

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.

### Overview

Product Name	Anti-GYPC Antibody
Reactive Species	Human
Description	Boster Bio Anti-GYPC Antibody catalog # A05974-1. Tested in WB, IHC, IF, ICC, ELISA applications. This antibody reacts with Human.
Application	ELISA, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt $-20^{\circ}\text{C}$ as supplied. 6 months 2 to $8^{\circ}\text{C}$ after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P04921

### Technical Details

Immunogen	E.coli-derived human GYPC recombinant protein (Position: S3-Y126).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunofluorescence, 1:50-400

Immunocytochemistry/Immunofluorescence, 1:50-400  
ELISA, 1:100-1000

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### Anti-GYPC Antibody

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