

# GYPB Rabbit pAb

Catalog No.: A15063

## Basic Information

### Observed MW

### Calculated MW

10kDa

### Category

Primary antibody

### Applications

ELISA,IF/ICC

### Cross-Reactivity

Human

## Background

Glycophorins A (GYPA) and B (GYPB) are major sialoglycoproteins of the human erythrocyte membrane which bear the antigenic determinants for the MN and Ss blood groups. GYPB gene consists of 5 exons and has 97% sequence homology with GYPA from the 5' UTR to the coding sequence encoding the first 45 amino acids. In addition to the M or N and S or s antigens, that commonly occur in all populations, about 40 related variant phenotypes have been identified. These variants include all the variants of the Miltenberger complex and several isoforms of Sta; also, Dantu, Sat, He, Mg, and deletion variants Ena, S-s-U- and Mk. Most of the variants are the result of gene recombinations between GYPA and GYPB. Alternate splicing results in multiple transcript variants.

## Recommended Dilutions

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

2994

### Swiss Prot

P06028

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-91 of human GYPB (NP\_002091.3).

### Synonyms

SS; GPB; GYP; MNS; GYPA; PAS-3; CD235b; GYPB

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

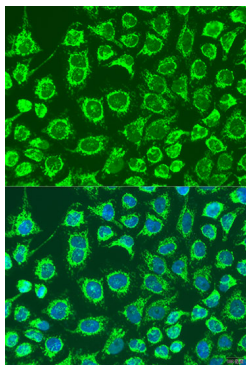
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Immunofluorescence analysis of U2OS cells using GYPB antibody (A15063) at dilution of 1:100. Blue: DAPI for nuclear staining.