

GYPB Rabbit Polyclonal Antibody



CAB15063

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Calculated MW:

6kDa/9kDa

Applications:

IF

Reactivity:

Human

Antibody Information

Recommended dilutions:

IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

2994

Uniprot

P06028

Synonyms:

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

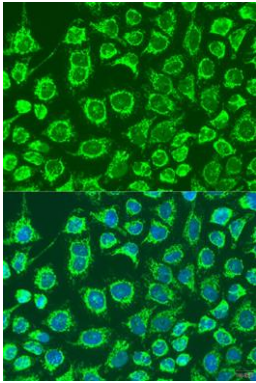
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-91 of human GYPB (NP_002091.3).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunofluorescence analysis of U2OS cells using GYPB antibody (CAB15063) at dilution of 1:100. Blue: DAPI for nuclear staining.