

GYPB Polyclonal Antibody

Catalog No: #28815



Package Size: #28815-1 50ul #28815-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

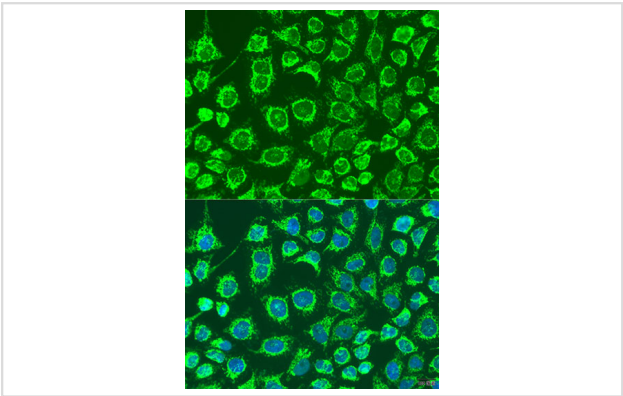
Description

Product Name	GYPB Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	IF
Species Reactivity	Human
Immunogen Description	Recombinant fusion protein of human GYPB (NP_002091.3).
Other Names	GYPB; CD235b; GPB; GYP; MNS; PAS-3; SS; glycophorin-B
Accession No.	Swiss-Prot#:P06028NCBI Gene ID:2994
Uniprot	P06028
GeneID	2994;
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

IF 1:50 - 1:200

Images



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

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 GYPB 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 GYPB and GYPB. Alternate splicing results in multiple transcript variants.

Note: This product is for in vitro research use only