

A15063

Leader in Biomolecular Solutions for Life Science



GYPB Rabbit pAb

Catalog No.: A15063

Basic Information

Observed MW

Calculated MW
10kDa

Category

Mouse Monoclonal Antibody

Applications

IF/ICC,ELISA

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



www.abclonal.com

Product Information

Source
Rabbit

Isotype
IgG

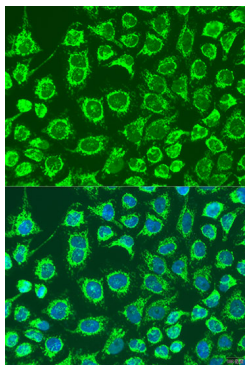
Purification
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



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