

Datasheet for ABIN7267474  
**anti-CD235b/GYPB antibody (AA 1-91)**



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## Overview

Quantity:	100 µL
Target:	CD235b/GYPB (GYPB)
Binding Specificity:	AA 1-91
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD235b/GYPB antibody is un-conjugated
Application:	Immunofluorescence (IF)

## Product Details

Purpose:	GYPB Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-91 of human GYPB (NP_002091.3).
Sequence:	MYGKIIFVLL LSEIVSISAL STTEVAMHTS TSSSVTKSYI SSQTNGETGQ LVHRFTVPAP VVILIILCV MAGIIGTILL ISYTIRRLIK A
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	CD235b/GYPB (GYPB)
Alternative Name:	GYPB ( <a href="#">GYPB Products</a> )
Background:	<p>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.,GYPB,CD235b,GPB,GYP,MNS,PAS-3,SS,Immunology &amp; Inflammation,CD markers,Cardiovascular,Blood,Blood Cell Antigens,GYPB</p>
Molecular Weight:	6kDa/9kDa
Gene ID:	2994
UniProt:	<a href="#">P06028</a>

## Application Details

Application Notes:	IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.