

32-6105: Mouse Anti Human Glycophorin A (type M & type N)(Clone:NYRhGlycophorinA.)

Clonality :	Monoclonal
Clone Name :	NYRhGlycophorinA.
Application :	WB,IHC,FACS
Gene :	GYPA
Gene ID :	2993
Uniprot ID :	P02724
Format :	Purified
Alternative Name :	Glycophorin-A,MN sialoglycoprotein,PAS-2,Sialoglycoprotein alpha,CD235a,GYPB,GPA,MN,MNS,GP1A,GP1B,HGpMiV,HGpMiX,HGpSta(C).
Isotype :	Mouse IgG1.
Immunogen Information :	r.Human GlycophorinA.

Description

Glycophorins A & B (GYPA & GYPB) are the main sialoglycoproteins of the human erythrocyte membrane which carry the antigenic determinants for the MN and Ss blood groups. Along with the M or N and S or s antigens which normally occur in all populations, approximately 40 related variant phenotypes were identified. These variants comprise all the variants of the Miltenberger complex and some isoforms of Sta, as well as Dantu, Sat, He, Mg, and deletion variants Ena, S-s-U- and Mk. GYPA is significant for the function of SLC4A1 and is necessary for high activity of SLC4A1. GYPA is involved in translocation of SLC4A1 to the plasma membrane. GYPA is also a receptor for: the influenza virus, Plasmodium falciparum erythrocyte-binding antigen 175 (EBA-175); binding of EBA-175 is dependent on sialic acid residues of the O-linked glycans and is also a receptor for Hepatitis A virus (HAV).

Product Info

Amount :	1 mg
Purification :	Protein A column.
Content :	1mg/ml in PBS (after reconstitution).
Storage condition :	In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.

Application Note

Western Blot, immunohistochemistry, flow cytometry. For WB use 1 µg/ml of antibody. For flow cytometry use 5-10 µl per one million cells.