

**CD235a (PN0071) Nb-FC recombinant antibody**

<b>Catalog No :</b>	YA0203
<b>Reactivity :</b>	Human
<b>Applications :</b>	ELISA
<b>Target :</b>	CD235a
<b>Gene Name :</b>	GYPA GPA
<b>Protein Name :</b>	Glycophorin-A (MN sialoglycoprotein) (PAS-2) (Sialoglycoprotein alpha) (CD antigen CD235a)
<b>Human Gene Id :</b>	2993
<b>Human Swiss Prot No :</b>	P02724
<b>Immunogen :</b>	Purified recombinant Human CD235a
<b>Specificity :</b>	This recombinant monoclonal antibody can detects endogenous levels of CD235a protein.
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
<b>Dilution :</b>	ELISA 1:5000-100000
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Concentration :</b>	Please check the information on the tube
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
<b>Cell Pathway :</b>	Hematopoietic cell lineage;
<b>Background :</b>	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. 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, as well as 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. [provided by RefSeq, Jul 2008]

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**Function :**

Glycophorin A is the major intrinsic membrane protein of the erythrocyte. The N-terminal glycosylated segment, which lies outside the erythrocyte membrane, has MN blood group receptors and also binds influenza virus.,online information:Blood group antigen gene mutation database,polymorphism:Along with GYPB, GYPA is responsible for the MNS blood group system.,similarity:Belongs to the glycophorin A family.,

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**Subcellular Location :**

Cell membrane ; Single-pass type I membrane protein . Appears to be colocalized with SLC4A1.

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**Expression :**

Blood,Bone marrow,Kidney,Liver,Lung,Miltenberger class V

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## Products Images