

血型糖蛋白 A 涎糖蛋白抗体

产品货号： mlR2575

英文名称： Glycophorin A

中文名称： 血型糖蛋白 A/涎糖蛋白抗体

别名： Glycophorin A; A1853584; CD235a; GPA; GYPA; Blood group--MN locus; CD235a antigen; Glycophorin A (MNS blood group); Glycophorin A includes MN blood group; Glycophorin A precursor; Glycophorin A, included; GlycophorinA; GPA; GPErik; GpMIIII; GPSAT; GYPA; GYPA, included; HGpMIIII; HgpMiIV; HgpMiX; HgpMiXI; HGpSta(C); MN; MN sialoglycoprotein; MNS; PAS 2; PAS-2; PAS2;Sialoglycoprotein alpha; GLPA_MOUSE.

研究领域： 细胞生物 免疫学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Mouse,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-F=1:400-800 IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 14kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from mouse GPA:74-150/150

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : Glycophorins A (GPA) and B (GPB) are single pass membrane sialoglycoproteins. GPA is the carrier of blood group M and N specificities, while GPB accounts for S and U specificities. 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.

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. Appears to be important for the function of SLC4A1 and is required for high activity of SLC4A1. May be involved in translocation of SLC4A1 to the plasma membrane. Is a receptor for influenza virus. Is a receptor for Plasmodium falciparum erythrocyte-binding antigen 175 (EBA-175); binding of EBA-175 is dependent on sialic acid residues of the O-linked glycans. Appears to be a receptor for Hepatitis A virus (HAV).

Subunit:

Homodimer. Interacts with Streptococcus gordonii has protein.

Subcellular Location:

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

Similarity:

Belongs to the glycoporphin A family.

SWISS:

P14220

Gene ID:

14934

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.