

**Glycophorin A (ABT179) mouse mAb**

<b>Catalog No :</b>	YM6878
<b>Reactivity :</b>	Human;
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	Glycophorin A
<b>Fields :</b>	>>Hematopoietic cell lineage;>>Malaria
<b>Gene Name :</b>	GYPA GPA
<b>Protein Name :</b>	Glycophorin A
<b>Human Gene Id :</b>	2993
<b>Human Swiss Prot No :</b>	P02724
<b>Immunogen :</b>	Synthesized peptide derived from human Glycophorin A AA range: 1-100
<b>Specificity :</b>	The antibody can specifically recognize human Glycophorin A protein.
<b>Formulation :</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source :</b>	Mouse, Monoclonal/IgG1, kappa
<b>Dilution :</b>	IHC 1:200-400. IF 1:50-200. ELISA 1:500-5000
<b>Purification :</b>	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	16kD
<b>Observed Band :</b>	37kD

**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. 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],

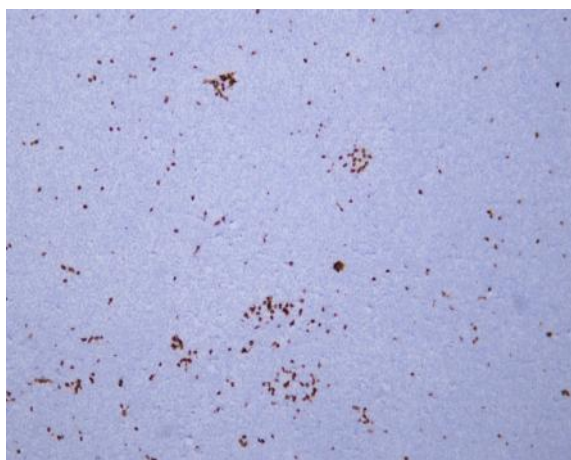
**Function :** function:Glycophorin A is the major intrinsic membrane protein of the erythrocyte. The N-terminal glycosylated segment, which lies outside the erythrocyte membrane, has MN blood group receptors and also binds influenza virus.,online information:Blood group antigen gene mutation database,polymorphism:Along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

**Subcellular Location :** Membranous

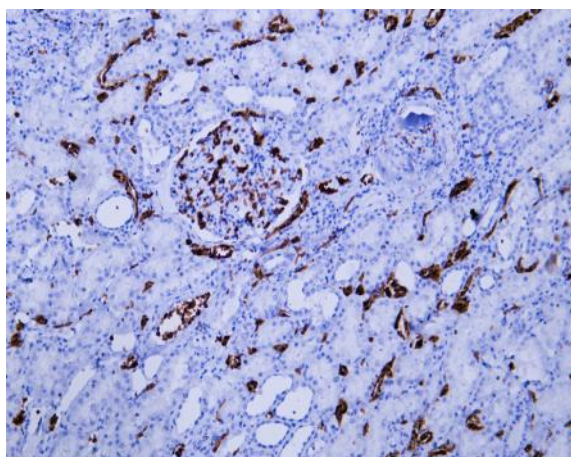
**Expression :**

Cytoplasmic

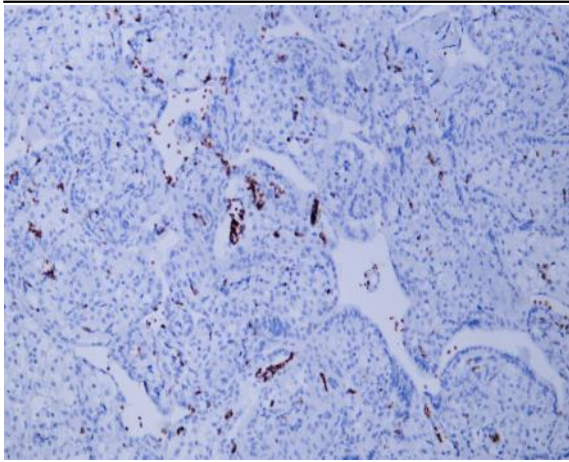
## Products Images



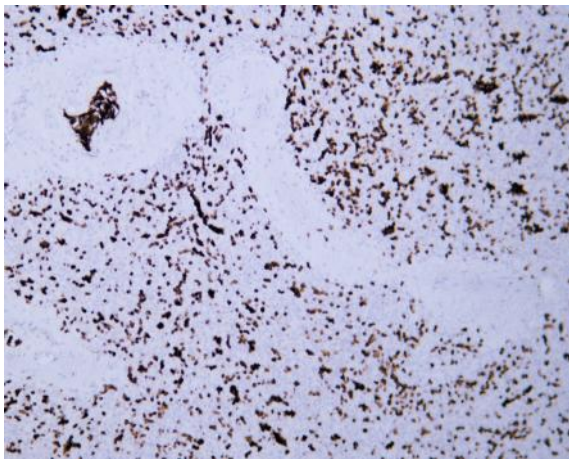
Human acute myeloid leukemia tissue was stained with Anti-Glycophorin A (ABT179) Antibody



Human kidney tissue was stained with Anti-Glycophorin A (ABT179) Antibody



Human placenta tissue was stained with Anti-Glycophorin A (ABT179) Antibody



Human spleen tissue was stained with Anti-Glycophorin A (ABT179) Antibody