



# Glycophorin A, CD235a mouse mAb(ABT-GYPA)

<b>Catalog No</b>	YP-Ab-15473
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	IHC;IF
<b>Gene Name</b>	GYPA GPA
<b>Protein Name</b>	Glycophorin A, CD235a
<b>Immunogen</b>	Synthesized peptide derived from human Glycophorin A, CD235a
<b>Specificity</b>	This antibody detects endogenous levels of human Glycophorin A, CD235a. Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH9.0 was highly recommended as antigen repair method in paraffin section
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Mouse, Monoclonal/IgG1, Kappa
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Dilution</b>	IHC-p 1:100-500. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Glycophorin-A (MN sialoglycoprotein;PAS-2;Sialoglycoprotein alpha;CD antigen CD235a)
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cell membrane ; Single-pass type I membrane protein . Appears to be colocalized with SLC4A1.
<b>Tissue Specificity</b>	Blood,Bone marrow,Kidney,Liver,Lung,Miltenger class V,
<b>Function</b>	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.,
<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],

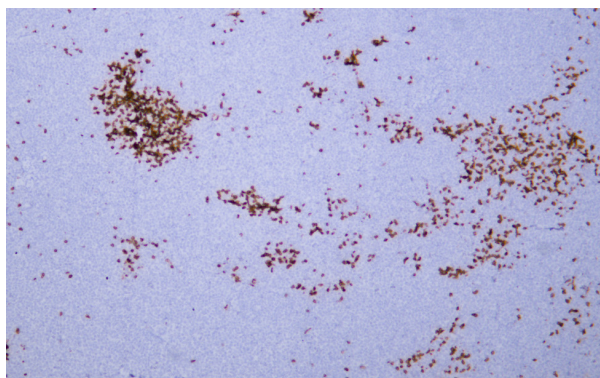
**matters needing attention**

Avoid repeated freezing and thawing!

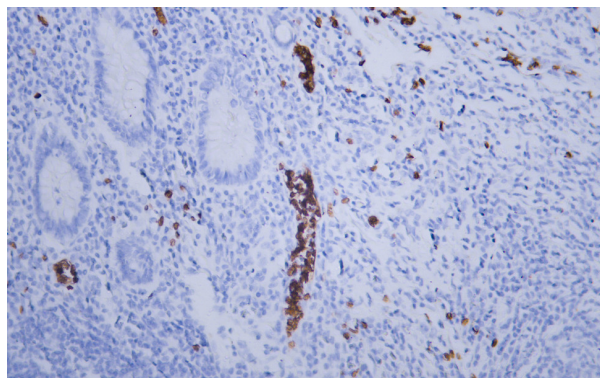
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

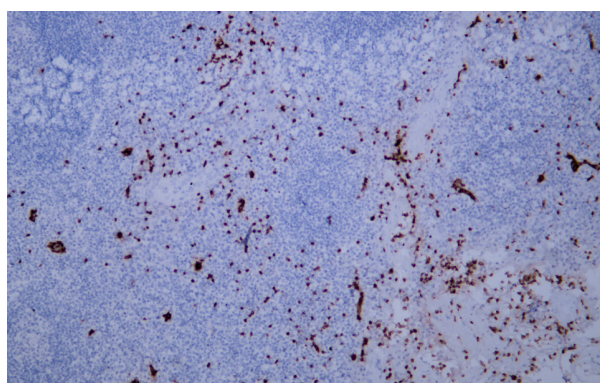
**Products Images**



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



Human appendix tissue was stained with Anti-Glycophorin A (ABT-GYPA) Antibody



Human tonsil tissue was stained with Anti-Glycophorin A (ABT-GYPA) Antibody