

Glycophorin A (ABT-GYPA) mouse mAb (Ready to Use)

Catalog No :	YM6756R
Reactivity :	Human;
Applications :	IHC
Target :	Glycophorin A
Fields :	>>Hematopoietic cell lineage;>>Malaria
Gene Name :	GYPA GPA
Protein Name :	Glycophorin A[?]CD235a
Human Gene Id :	2993
Human Swiss Prot No :	P02724
Immunogen :	Synthesized peptide derived from human Glycophorin A[?]CD235a AA range: 1-100
Specificity :	The antibody can specifically recognize human Glycophorin A protein.
Formulation :	The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300
Source :	Mouse, Monoclonal/IgG1, kappa
Dilution :	Ready to use for IHC
Purification :	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.
Storage Stability :	2°C to 8°C/1 year
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.,

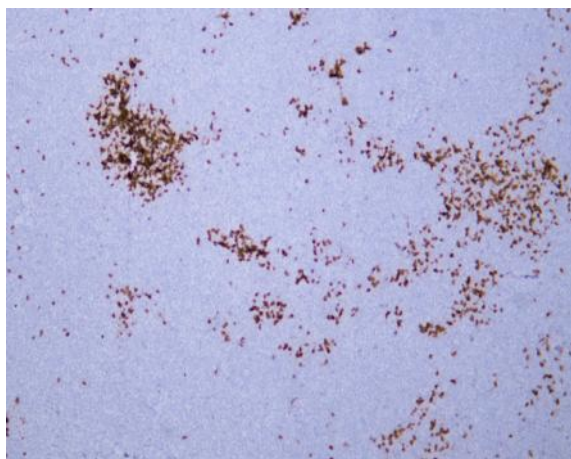
Subcellular Location :

Membranous

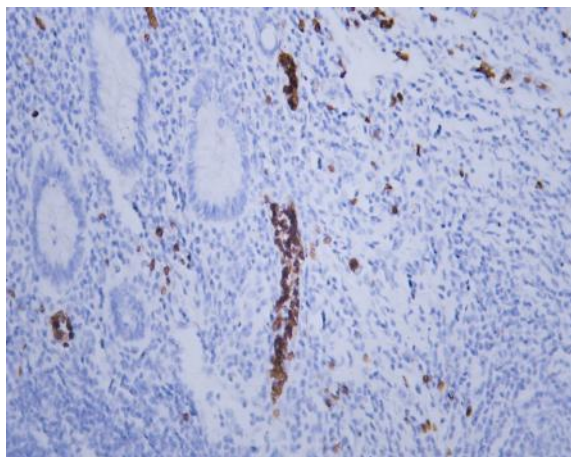
Expression :

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

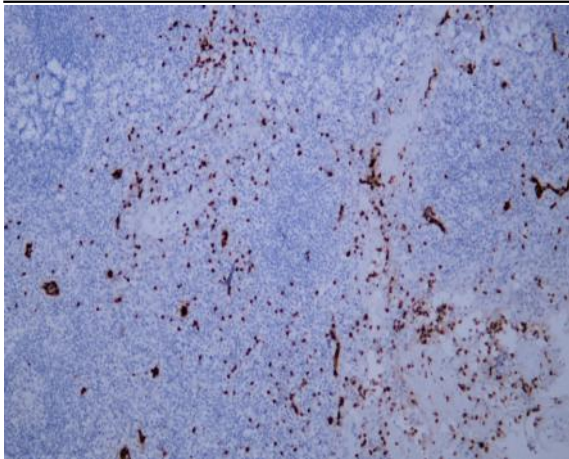
Products Images



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