



Glycophorin A, CD235a mouse mAb(ABT-GYPA)

Catalog No	YP-Ab-15473
Isotype	IgG
Reactivity	Human
Applications	IHC;IF
Gene Name	GYPA GPA
Immunogen	Synthesized peptide derived from human Glycophorin A,CD235a
Specificity	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
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Mouse, Monoclonal/IgG1, Kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:100-500. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AI853584;Blood group--MN locus;CD_antigen=CD235a;CD235a;GLPA_HUMAN;Glycophorin A (MNS blood group);Glycophorin A;included;Glycophorin-A;GlycophorinA;GPA;GP E rik;GpMiIII;GPSAT;GYPA;HGpMiIII;HGpMiV;HGpMiX;HGpMiXI;HGpSta(C);MN;MN sialoglycoprotein;MNS;PAS-2;PAS2;Sialoglycoprotein alpha;GYPA GPA;Glycophorin-A (MN sialoglycoprotein;CD antigen CD235a)
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . Appears to be colocalized with SLC4A1.
Tissue Specificity	Blood,Bone marrow,Kidney,Liver,Lung,Miltenberger class V,
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.,

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],

matters needing attention

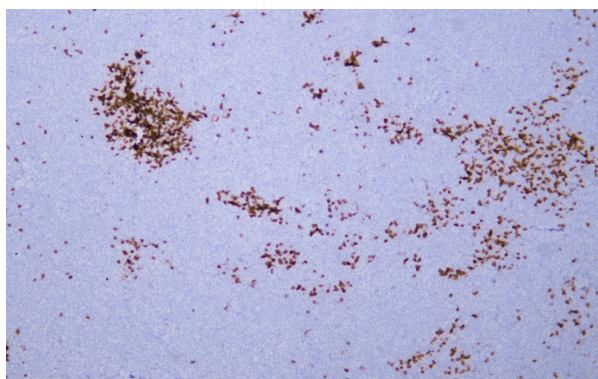
Avoid repeated freezing and thawing!

Usage suggestions

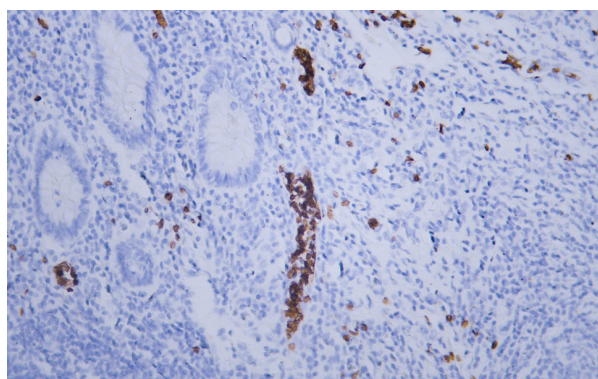
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



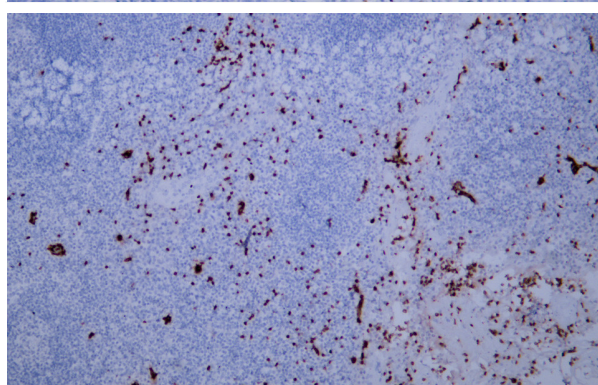
Products Images



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