
Product Name: CD235a Rabbit Polyclonal Antibody**Catalog #: APRab08295**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	16kDa

Antigen Information

Gene Name	GYPA
Alternative Names	GYPA; GPA; Glycophorin-A; MN sialoglycoprotein; PAS-2; Sialoglycoprotein alpha; CD235a
Gene ID	2993.0
SwissProt ID	P02724
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human GYPA. AA range:41-90

Background

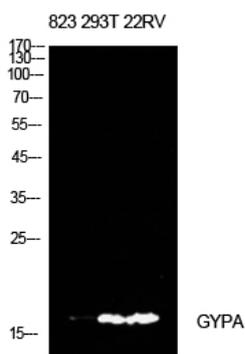
Glycophorins A (GYPA) and B (GYPB) are major sialoglycoproteins of the human erythrocyte membrane which bear the

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: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.,

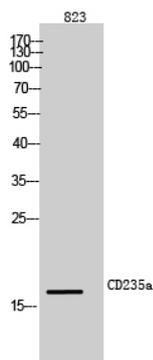
Research Area

Hematopoietic cell lineage;

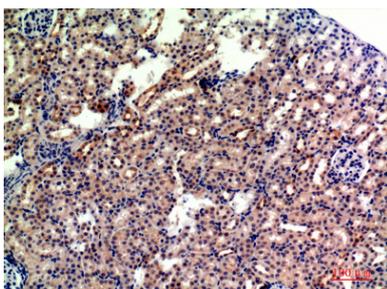
Image Data



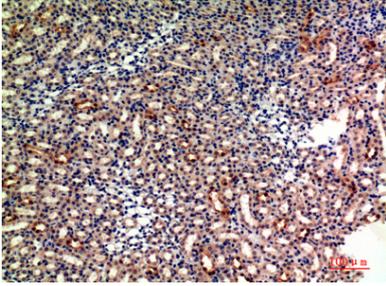
Western Blot analysis of 823, 293T, 22RV cells using CD235a Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



Western Blot analysis of 823 cells using CD235a Polyclonal Antibody diluted at 1: 500. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded mouse-kidney, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded mouse-kidney, antibody was diluted at 1:200