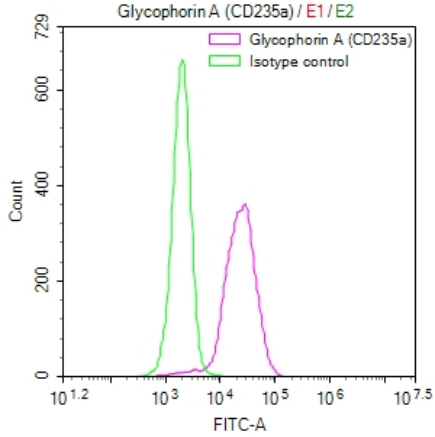
RecomAb™ Sm Size

GYPA recombinant monoclonal antibody, clone 27A8

Catalog # RAB08672 Size 50 uL

Applications



Flow Cytometry

Overlay Peak curve showing K562 cells stained with GYPA recombinant monoclonal antibody, clone 27A8 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human GYPA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human GYPA.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

  Overlay Peak curve showing K562 cells stained with GYPA recombinant monoclonal antibody, clone 27A8 (red line) at 1:50.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GYPA

Entrez GeneID	2993
Protein Accession#	P02724
Gene Name	GYPA
Gene Alias	CD235a, GPA, GPErik, GPSAT, GpMiIII, HGpMiIII, HGpMiV, HGpMiX, HGpMiXI, HGpSta(C), MN , MNS
Gene Description	glycophorin A (MNS blood group)
Omim ID	111300 611162
Gene Ontology	Hyperlink
Gene Summary	Glycophorins A (GYPA) and B (GYPB) are major sialoglycoproteins of the human erythrocyte me mbrane 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 phenot ypes 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 b y RefSeq
Other Designations	Mi.V glycoprotein (24 AA)|erythroid-lineage-specific membrane sialoglycoprotein|glycophorin A|gl ycophorin A (MN blood group)|glycophorin A MNS blood group|glycophorin A, GPA|glycophorin E rik|glycophorin MiI|glycophorin MiIII|glycophorin MiV|glycophorin Mi

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Pathway

- Hematopoietic cell lineage

Disease

- Asthma
- Crohn Disease
- Genetic Predisposition to Disease
- Malaria

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