RecomAb™

GYPA recombinant monoclonal antibody, clone M2A1

Catalog # RAB03494 Size 200 ug

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human GYPA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against human red blood cells of the M phenotype prepared by immunzing BALB/c mice.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG
Recommend Usage	ELISA Inhibition Assay The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Inhibition Assay

Gene Info — GYPA

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Entrez GeneID	2993
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 MiII|glycophorin MiIII|glycophorin MiV|glycophorin Mi

Pathway

- Hematopoietic cell lineage

Disease

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

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