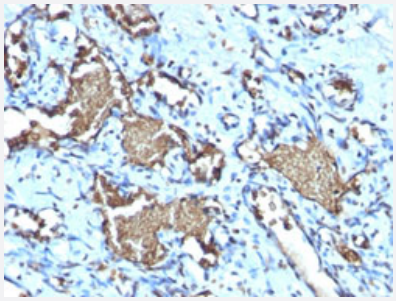
RecomAb™

GYPA recombinant monoclonal antibody, clone GYPA/1725R

Catalog # RAB00329 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human angiosarcoma with GYPA recombinant monoclonal antibody, clone GYPA/1725R (Cat # RAB00329).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human GYPA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human GYPA.
Theoretical MW (kDa)	39
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.25-0.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide)

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Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human angiosarcoma with GYPA recombinant monoclonal antibody, clone GYPA/1725R (Cat # RAB00329).

- Immunofluorescence

- Flow Cytometry

Gene Info — GYPA

Entrez GeneID	2993
Protein Accession#	P02724
Gene Name	GYPA
Gene Alias	CD235a, GPA, GPErik, GPSAT, GpMilll, HGpMilll, 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 Mil|glycophorin Milll|glycophorin MiV|glycophorin Mi

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Publication Reference

- Glycophorin A expression in malignant hematopoiesis.

  Liszka K, Majdic O, Bettelheim P, Knapp W.

  American Journal of Hematology 1983 Nov; 15(3):219.

- Glycophorin A as a cell surface marker of early erythroid differentiation in acute leukemia.

  Andersson LC, Gahmberg CG, Teerenhovi L, Vuopio P.

  International Journal of Cancer 1979 Dec; 24(6):717.

  Application: IF, IP, Human, Leukemic blasts, Erythrocytes

Pathway

- Hematopoietic cell lineage

Disease

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

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