

## Product datasheet for **DM066-05**

### Glycophorin A (GYPA) Mouse Monoclonal Antibody [Clone ID: JC159]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	JC159
Applications:	IHC
Recommended Dilution:	<b>Immunohistochemistry on formalin fixed paraffin embedded sections:</b> use a dilution of 1:25-1:50 in an ABC method (30 minutes at room temperature). Recommended positive control: Tonsil
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Formalin fixed membrane from a Hairy cell leukemia
Specificity:	This antibody reacts with glycophorin A in the erythroid cells. It can stain erythroid cells at all stages of development and differentiation. The antibody may be useful in the identification of neoplastic erythroblasts. Cellular Localization: Cell membrane
Formulation:	State: Supernatant State: Tissue Culture Supernatant Preservative: Less than 0.1% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	glycophorin A (MNS blood group)
Database Link:	<a href="#">Entrez Gene 2993 Human P02724</a>



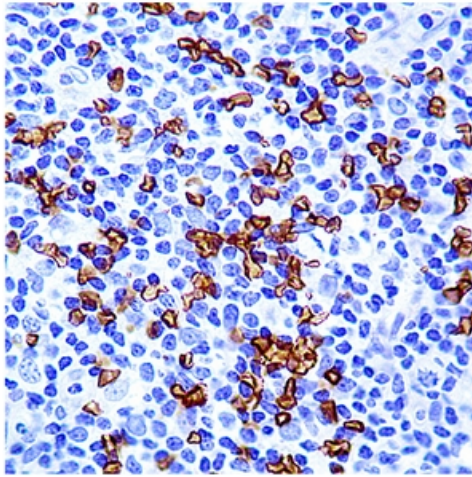
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**Background:**

Glycophorins A (GPA) and B (GPB) are single pass membrane sialoglycoproteins. GPA is the carrier of blood group M and N specificities, while GPB accounts for S and U specificities. 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.

**Synonyms:**

Glycophorin-A, GPA, PAS-2, Sialoglycoprotein alpha, MN sialoglycoprotein

**Product images:**

Formalin fixed paraffin embedded human tonsils stained with glycophorin A monoclonal antibody (Cat.#DM066).