



## RayBiotech, Inc.

3607 Parkway Lane suite 100  
Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
Fax: 770-206-2393  
Website: [www.raybiotech.com](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

# Certificate of Analysis and Data Sheet

## Mouse Anti-Glycophorin A

**Catalog No.**  
MD-14-0336

**Source:**  
Ascites

**Isotype:**  
IgG1 kappa

### Description

MAb to Glycophorin A  
Monoclonal Antibody to Glycophorin A

### Preparation

**Host Animal:** Mouse. Hybridization of NS/1-Ag4 myeloma cells with spleen cells from BALB/c J mice.  
**Immunogen:** Human red blood cells.  
**Purification:** Protein A chromatography

### Specificity

Glycophorin A is a sialoglycoprotein, expressed on human red blood cell membranes and erythroid precursors, including proerythroblasts, and reticulocytes

### Formulation

**Format:** Purified, Lyophilized  
Reconstitute with 1ml of distilled water.  
**Concentration:** 0.2mg/ml (prior to lyophilization)  
**Buffer:** Lyophilized from PBS containing 1mg/ml BSA  
**Preservative:** None

### Applications

Flow cytometry or fluorescent microscopy.

Flow cytometry: 2ug antibody /  $5 \times 10^6$ – $5 \times 10^7$  red blood cells/test (RBCs/test).

Immunohistochemistry: The reconstituted antibody should be used at 1-2ug/ml for use on fixed, paraffin embedded tissue sections.

Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**The products are furnished for LABORATORY RESEARCH USE ONLY.**  
**Not for diagnostic or therapeutic use.**



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### **Storage**

Store lyophilized product at 2–8°C. After reconstitution, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles. The addition of 0.1% (w/v) sodium azide is recommended for storage of the reconstituted form for up to one month at 2–8°C.

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