



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## Mouse Anti-Human IgG3

### With HRP-conjugated Secondary Antibody

**Catalog No.**  
DS-MB-03347

**Species**  
Human

**Isotype**  
IgG1

### Preparation

**Purification:** Purified IgG prepared by affinity chromatography on Protein G

**Immunogen:** IgG3 purified from human plasma

### Specificity

DS-MB-03347 is specific for human IgG3, hinge-region with no allotype restriction.

### Formulation

**Product Type:** Monoclonal Antibody

**Product Form:** Purified IgG - liquid

**Buffer Solution:** Phosphate buffered saline

**Approx. Protein Concentrations:** 1.0 mg/ml

**Preservative Stabilizers:** 0.09% Sodium Azide (NaN<sub>3</sub>)

### Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Elisa	•			

Note: Other applications are not tested yet. Optimal dilutions should be determined.

### Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5,000-1:10,000

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



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### **Storage**

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**Shelf Life:** 18 months from date of dispatch.

### **Reference**

1. de Souza, J.B. *et al.* (2010) Neutralization of malaria GPI in vitro by serum IgG from malaria exposed individuals. *Infect Immun.* Jun 21. [Epub ahead of print]

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