



## RayBiotech, Inc.

3607 Parkway Lane suite 200  
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-Human IgG1 With HRP-conjugated Secondary Antibody

**Catalog No.**  
DS-MB-03341

**Target Species**  
Human

**Isotype**  
IgG1

### Preparation

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

**Immunogen:** Purified human IgG

### Specificity

DS-MB-03341 reacts with the gamma2-specific epitope inside the Fc fragment of human IgG1. It does not cross react with other human immunoglobulins.

### Formulation

**Product Type:** Monoclonal Antibody

**Product Form:** Purified IgG - liquid

**Buffer Solution:** Phosphate buffered saline

**Preservative Stabilizers:** 0.09% Sodium Azide ( $\text{NaN}_3$ )

**Approx. Protein Concentrations:** IgG concentration 0.5 mg/ml

### Applications

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

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

### 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.

### Secondary Antibody Applications

Immunoassay (ELISA, Western blotting): 1:5,000-1:10,000

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