



## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet Mouse Anti-Human IgG3 (Hinge Region), HRP-conjugated

**Catalog No.**  
DS-MB-03350

**Target Species**  
Human

**Isotype**  
IgG1

## Formulation

**Product Form:** Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

**Product Type:** Monoclonal Antibody

**Buffer Solution:** Phosphate buffered saline

**Preservative Stabilizers:** 50% Glycerol

## Specificity

This product recognizes the hinge region of the heavy chain of human IgG3.

## Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry			•	
Immunohistology - Frozen	•			
Immunohistology - Paraffin			•	
Immunohistology - Resin			•	
Western Blotting	•			
Elisa	•			1/4000 - 1/10,000

**Note:** Other applications have not been tested. Optimal dilutions should be determined.

**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.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. 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 reconstitution.

### **References**

1. Jefferis, R. *et al.* (1985) Evaluation of monoclonal antibodies having specificity for human IgG sub-classes: results of an IUIS/WHO collaborative study. *Immunol. Lett.* 10: 223-252.
2. Jefferis, R. *et al.* (1990) Selective IgG subclass deficiency: quantification and clinical relevance. *Clin. Exp. Immunol.* 81: 357-367.

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