



## 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 Immunoglobulin G (IgG), Heavy Chains

**Catalog No.**

MD-12-0051

**Species**

Human

**Isotype:**

IgG<sub>1</sub>, kappa

### Preparation

**Host Animal:** Mouse  
**Source:** Ascites  
**Immunogen:** Purified intact human IgG  
**Purification:** Protein A chromatography

### Specificity

Specific for the gamma heavy chain of human IgG.

### Formulation

**Format:** Purified, Liquid  
**Concentration:** 0.845mg/ml (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 1.36)  
**Affinity Constant:** Not determined  
**Buffer:** PBS, pH 7.2 containing 50% glycerol  
**Preservative:** 0.02% Sodium azide

### Storage

Aliquot and store at -20°C to -70°C.  
**Avoid multiple freeze-thaw cycles.**  
**Centrifuge before opening to ensure complete recovery of vial contents.**

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



## 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)

### Applications

**Table Summary of antibody applications and working conditions**

<b>Options Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
Elisa	.			
Immunohistochemistry	.			
Western blot.	.			

**Note:** Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application

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