



## RayBiotech, Inc.

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### Certificate of Analysis and DataSheet Rabbit Anti Ricin

**Catalog No.**  
MD-14-0510

**Species**  
*Ricinus communis*

**Isotype**  
IgG<sub>1</sub>

#### Preparation

**Host Animal:** Rabbit  
**Immunogen:** Ricin A chain toxoid (RCA<sub>60</sub>)  
**Format:** Purified, Lyophilized  
Reconstitute with 1ml deionized water.

#### Specificity

Specific to the A chain of Ricin toxin and toxoid. Minimal cross-reactivity with staphylococcal enterotoxins A through E, ET, TSST, and alpha-hemolysin and streptococcal pyrogenic exotoxins A, B and C.

#### Formulation

**Format:** Purified, Lyophilized  
Reconstitute with 1ml deionized water.  
**Concentration:** 1mg/ml (prior to lyophilization)  
**Buffer:** Lyophilized from 0.01M Phosphate, pH 7.4 containing 0.9% Sodium chloride  
**Preservative:** None

#### Storage

Store lyophilized product at 2–8°C. After reconstitution, aliquot and store at -80°C.  
If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used.  
**Avoid repeated 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.**



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### 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	.			
Western Blotting			.	
Immunohistochemistry			.	
EIA			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
Competitive RIA			.	

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

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