



RayBiotech, Inc.

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Certificate of Analysis and DataSheet Mouse Anti Ricin

Catalog No.	Species	Isotype
MD-14-0507	<i>Ricinus communis</i>	IgG ₁

Preparation

Host Animal: Mouse
Source: Ascites
Purification: >90% pure (SDS-PAGE). Protein A chromatography
Product is 0.2µm filtered.

Specificity

Detects Ricinus communis Agglutinin II (Ricin Toxin). Based on Capture ELISA data of 29 antigens tested at 100ug/ml and 1.0ug/ml:

0% cross-reactivity with other toxins (includes SEB and Botulinum Toxin A-F).

0% cross-reactivity with other environmental contaminants

0% cross-reactivity with other biothreat agents

Formulation

Format: Purified, Liquid
Concentration: 5.4mg/ml (OD280nm, $E^{0.1\%} = 1.4$)
Affinity Constant: Not determined
Buffer: 10mM Phosphate, pH 7.4 containing 150mM Sodium chloride
Preservative: 0.1% Sodium azide

Storage

Short-term (up to 7 days) store at 2-8°C. Long term, aliquot and store at <-40°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

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
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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