



## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet Clostridium difficile Toxin A

**Catalog No.**  
MD-05-0073

**Isotype**  
IgG1

## Description

Monoclonal Antibody to Clostridium difficile Toxin A

## Introduction

**Immunogen:** Purified C. difficile toxoid A

**Purification:** >90% pure. Protein A chromatography

**Host Animal :** Mouse

**Source :** Ascites

## Formulation

**Product Type:** Monoclonal Antibody

**Product Form:** Purified, Liquid

**Buffer Solution:** 0.01M PBS, pH 7.2

**Preservative Stabilizers:** 0.1% Sodium azide

**Approx. Protein Concentrations:** 1mg/ml (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 1.3)

## Specificity

Specific for toxin/toxoid A of Clostridium difficile. Does not cross-react with C. difficile toxin B, tetanus toxoid, Pseudomonas aeruginosa and Yersinia enterocolitica

## Storage

Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

**Shelf Life:** 18 months from date of shipment

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



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### **Warning**

This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

### **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			•	
Flow Cytometry			•	
Immunoprecipitation			•	
IFA			•	

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

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