



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Escherichia Coli Labile Toxin A Chain

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01271

Species
Bacterial

Isotype
IgG1

Preparation

Immunogen: Native, labile toxin

Specificity

In a simple ELISA, using Biogenesis test groups, this antibody is only reactive with E. coli labile toxin, C terminal of A chain.

Immunohistology: Reactive with isolates fixed by phenol, formalin and boiling.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG – liquid

Preservatives & Stabilizers: 0.09% Sodium Azide (NaN_3)

Approx. Protein Concentrations: IgG concentration 3.6 mg/ml

Storage

18 months from date of dispatch.

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted. Storage in frost free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

Avoid repeated freezing and thawing as this may denature the antibody.

**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	.			
Immunohistology - frozen			.	
Immunohistology - paraffin			.	
Immunohistology - resin			.	
Immunoprecipitation			.	
Radio Immunoassays			.	
Immunofluorence	.			
Functional Assays			.	

Note (1) Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	.			1:5000-1:10000

References

1. Koprowski, H., 2nd *et al.* (2000) Attenuated Shigella flexneri 2a vaccine strain CVD 1204 expressing colonization factor antigen I and mutant heat-labile enterotoxin of enterotoxigenic Escherichia coli Infect Immun 68: 4884

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