



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Escherichia Coli Labile Toxin

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01270

Species
Bacterial

Isotype
IgG1

Preparation

Immunogen: *E. coli* labile toxin

Specificity

This antibody is specific for *E. coli* labile toxin. No reaction is observed with the following organisms: *Shigella boydii*, *sonnei*, *dysenteriae* and *flexneri*; *Serratia liquifaciens*; *Proteus vulgaris* and *rettgeri*; *Pseudomonas aeruginosa* 1-9, 10-14 and 16-17; *Enterobacter aerogenes*; some *Klebsiella* and *Salmonella* types. This antibody reacts 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 1.0 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 |

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