



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Staphylococcus aureus Enterotoxin B With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-02325

Target Species
Bacterial

Isotype
IgG1

Preparation

Immunogen: S. aureus strain producing enterotoxin B.

Formulation

Product Form: Purified IgG - liquid

Product Type: Monoclonal Antibody

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Specificity

This product is specific for Staphylococcus aureus enterotoxin B, an exotoxin excreted by Staphylococcus aureus that is the cause of classic food poisoning. It consists of 239 amino acids with a molecular weight of 28 kDa and is one of six antigenically distinct enterotoxin proteins that have been identified (A, B, C, D, E and G).

This product does not react with Staphylococcus epidermis, Streptococcus pneumoniae serotypes 1-19 or other Staphylococcal toxins.

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Elisa	•			1/1000 - 1/5000
Western Blotting			•	

Note: Other applications have not been tested. Optimal dilutions should be determined.

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



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Secondary Antibody Applications

<div>Options</div> <div>Functions</div>	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

Storage

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

Storage in frost-free freezers is not recommended.

This product should be stored undiluted.

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

Shelf Life: 18 months from date of dispatch.

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