



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Staphylococcus Enterotoxin A/B/C1/C2/D/E With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-02327

Target Species
Bacterial

Isotype
IgG3

Preparation

Purified IgG prepared by affinity chromatography on Protein G

Immunogen: Purified enterotoxin A from FRI-722H strain of S.aureus.

Specificity

DS-MB-02327 is specific for Staphylococcus enterotoxin.

It has shown the following reactivities when tested in ELISA.

enterotoxin A	65%
enterotoxin B	100%
enterotoxin C1	18%
enterotoxin C2	82%
enterotoxin D	49%
enterotoxin E	24%

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations: 0.50 mg/ml

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	•			1/5,000 - 1/20,000
Functional Assays	•			

Note: Other applications are not tested yet. 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

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	.			1:5,000-1:10,000

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. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from date of dispatch.

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