



## RayBiotech, Inc.

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# Certificate of Analysis and DataSheet

## Mouse Anti Staphylococcus aureus

**Catalog No.**  
MD-05-0447

**Isotype**  
IgM

### Description

Monoclonal Antibody to Staphylococcus aureus

### Preparation

**Host Animal:** Mouse  
**Immunogen:** UV-inactivated S. aureus cells

### Specificity

Specifically recognize peptidoglycan of Staphylococcus aureus, Protein A-negative Staphylococcus aureus and Staphylococcus epidermidis. Does not cross-react with Streptococcus species, Mycoplasma species, or Corynebacteria species.

### Formulation

**Format:** Purified, Liquid  
**Concentration:** 1mg/ml (OD280nm)  
**Buffer:** PBS, pH 7.4  
**Preservative:** 0.1% Sodium azide

### Applications

May be used in immunoassays to detect and quantitate Staph. aureus cells. Dilute in PBS or medium which is identical to that used in the assay system. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

### Storage

Store at 2-8°C. **DO NOT FREEZE!**

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