



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## Mouse Anti *Streptococcus pneumoniae*

With HRP-conjugated Secondary Antibody

**Catalog No.**  
DS-MB-02343

**Target Species**  
Bacterial

**Isotype**  
IgG1

### **Preparation**

**Immunogen:** NCTC 10319

**Purification:** Purified IgG prepared by affinity chromatography on Protein A

### **Formulation**

**Product Type:** Monoclonal Antibody

**Product Form:** Purified IgG - liquid

**Buffer Solution:** Phosphate buffered saline

**Preservative Stabilizers:** 0.09% Sodium Azide ( $\text{NaN}_3$ )

**Approx. Protein Concentration:** IgG concentration 1.0 mg/ml

### **Specificity**

DS-MB-02343 recognizes *Streptococcus pneumoniae*, a causative agent of respiratory disease in humans

### **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 shipment

**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**

<b>Options Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA	•			
Western Blotting			•	
IHC - Paraffin			•	
IHC - Frozen			•	
Immunofluorescence	•			
Flow Cytometry			•	

*Note: Other applications are not tested yet. Optimal dilutions should be determined by the user.*

### Secondary Antibody Applications

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

### Warning

This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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