



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti *Streptococcus pneumoniae* Type 1

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-02344

Target Species
Bacterial

Isotype
IgM

Preparation

Immunogen: Native

Purification: Purified IgM prepared by gel filtration

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgM - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN₃)

Approx. Protein Concentration: IgG concentration 1.0 mg/ml

Specificity

DS-MB-02344 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. Should this product contain a precipitate we recommend microcentrifugation before use.

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

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
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

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

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