



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Streptococcus Pyogenes

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-02345

Target Species
Bacterial

Isotype
IgG2a

Preparation

Immunogen: *S. pyogenes* A, NCTC 8198 (ATCC 12344).

Purification: Purified IgG prepared by affinity chromatography.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline, pH7.2

Preservative & Stabilizers: 0.09% Sodium Azide (NaN₃)

Approx. Protein Concentration: IgG concentration 1.0 mg/ml

Specificity

DS-MB-02345 is broadly reactive with Streptococcus A-G, in a simple ELISA.

Immunohistology: * Reacts with isolates fixed by phenol, formalin and boiling.

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

**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
Western Blot			•	
ELISA	•			
IHC			•	
Immunofluorescence (1)	•			
Flow Cytometry			•	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.
(1) * Reacts with isolates fixed by phenol, formalin and boiling.

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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