



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

MOUSE ANTI HUMAN PROSTATE SPECIFIC ANTIGEN (Detection, Pair Antibody) With HRP-conjugated Secondary Antibody

Catalog No.	Species	Isotype
DS-MB-02163	Human	IgG2a

Preparation

Immunogen: Highly pure Prostate Specific Antigen from human prostate.

Specificity

DS-MB-02163 is specific for prostate specific antigen (PSA), a 34kD serine protease produced by prostatic epithelial cells, which is also known as kallikrein 3. Serum PSA levels have been correlated with the stage of prostatic cancer, and have been used to monitor residual tumour levels and disease progression. **DS-MB-02162 can be used as Capture Antibody in Sandwich ELISA.**

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: IgG concentration 1.0 mg/ml

Storage

18 months from date of despatch

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

Avoid repeated freezing and thawing as this may denature the antibody.

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

**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			.	
Immunohistology - frozen			.	
Immunohistology - paraffin			.	
Immunohistology - resin			.	
Immunoprecipitation			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
Neutralization			.	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

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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