



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Human Sex Hormone Binding Globulin

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-02299

Target Species
Human

Isotype
IgG2a

Introduction

Synonyms: SHBG

Immunogen: Purified SHBG from human serum

Preparation: Ig fraction prepared by caprylic acid fractionation

Formulation

Product Type: Monoclonal Antibody

Product Form: Ig fraction - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentrations: IgG concentration 1.0mg/ml

Specificity

DS-MB-02300 recognizes sex hormone binding globulin (SHBG), a 45 kDa plasma glycoprotein dimer. SHBG is an androgen transport protein which binds and regulates the free concentration of steroid hormones and is involved in steroid signaling at the cell membrane. This antibody shows minimal cross-reactivity with other human serum proteins.

Affinity: $2.1 \times 10^9 \text{ M}^{-1}$

Storage

Store at +4°C or at -20°C if preferred. This product should be stored undiluted.

Storage in frost free freezers is not recommended. 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 – Frozen			•	
IHC – Paraffin			•	
Flow Cytometry			•	
Immunoprecipitation			•	
IRMA			•	

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

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