



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

MOUSE ANTI HUMAN SERUM ALBUMIN

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-00047

Species
Human

Isotype
IgG₁

Preparation

Preparation: Ig fraction prepared by sequential precipitation with caprylic acid and ammonium sulphate solution

Immunogen: Purified human serum albumin

Specificity

This product recognizes human serum albumin, a 66 kDa protein that binds and transports steroids, fatty acids, metal ions and thyroid hormones. Albumin accounts for approximately 50% of blood serum protein.

Species Cross Reactivity: Does not react with Pig, Rabbit, Bovine, or Mouse

Formulation

Product Type: Monoclonal Antibody

Product Form: Ig fraction - liquid

Buffer Solution: Phosphate buffered saline, pH 7.2

Approx. Protein Concentrations: 1.0 mg/ml

Preservative Stabilizers: 0.09% Sodium Azide (NaN₃)

Storage

18 months from date of dispatch.

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

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

**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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