



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## SHEEP ANTI HUMAN APOLIPOPROTEIN

### With HRP-Conjugated Second Antibody

**Catalog No.**  
DS-PB-00180

**Species**  
Human

**Isotype**  
IgG

### **Preparation**

**Preparation:** Antisera to human apolipoprotein A1 were raised by repeated immunization of sheep with highly purified antigen. An immunoglobulin-rich fraction was prepared from whole serum by ammonium sulfate precipitation followed by anion exchange chromatography.

**Immunogen:** Purified apolipoprotein A-1 from human plasma.

### **Specificity**

This product recognizes human apolipoprotein A1.

**Species Cross Reactivity** Reacts with: Dog, Rabbit (Antibody reactivity and working conditions may vary between species.)

### **Formulation**

**Product Type:** Polyclonal Antibody

**Product Form:** Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

**Buffer Solution:** Glycine buffered saline pH7.4

**Preservative Stabilizers:** 0.09% Sodium Azide, 0.1% EACA, 0.01% Benzamidine, 1 mM EDTA

### **Storage**

18 months from date of dispatch

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.**

**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

<b>Options</b> <b>Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA			.	
Western Blotting			.	
Immunohistology - frozen	.			
Immunohistology - paraffin			.	
Immunohistology - resin			.	
Immunoprecipitation			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
Immunodiffusion	.			Neat

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

### Secondary Antibody Applications

<b>Options</b> <b>Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
Immunoassay (ELISA, Western blot)	.			1:5000-1:10000

### Reference

Raper, J. et al. (1999) Characterization of a novel Trypanosome lytic factor from human serum. Infect. Immun. 67: 1910-1916.

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