



## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet SHEEP ANTI HUMAN APOLIPOPROTEIN A1:HRP

Catalog No.	Species	Isotype
DS-PB-00179	Human	IgG

## Preparation

**Preparation:** Purified IgG prepared by affinity chromatography

**Immunogen:** Human apolipoprotein A1

## Specificity

This product recognizes human Apolipoprotein A1 and HDL. It does not cross react with apolipoprotein B, LDL, VLDL or other human plasma proteins.

Apolipoprotein A1 (Apo-A1) is a lipid-binding protein which enables the transport of dietary lipids for storage, metabolism and secretion. It also plays an important role in the removal of cholesterol from cells.

## Formulation

**Product Type:** Polyclonal Antibody

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

**Buffer Solution:** Phosphate buffered saline

**Preservative Stabilizers:** 50% Glycerol, 0.5% Bovine Serum Albumin, 0.01% Thimerosal

**Approx. Protein Concentrations:** 1.0 mg/ml

## 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.**

**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 Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA	.			1/5,000-1/20,000
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

<b>Options 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

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