



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

#### Goat Anti Ovine Cox-1

With HRP-conjugated Secondary Antibody

<b>Catalog No.</b> DS-PB-00544	<b>Target Species</b> Sheep	<b>Isotype</b> Polyclonal IgG
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**Description:** GOAT ANTI SHEEP COX-1

**Specificity:** COX-1

**Other Names:** PGHS-1

**Immunogen:** Native

#### ***Specificity***

DS-PB-00544 is Specific for COX-1, also known as PGH synthase 1. It reacts moderately with COX-2 from most mammalian species, negligible reactivity is seen with chicken COX-2 at given dilution.

#### ***Species Cross Reactivity***

Reacts with: Mouse, Sheep, Rat

Reacts weakly with: Chicken

Based on sequence similarity, is expected to react with: Mammals

Antibody reactivity and working conditions may vary between species.

#### ***Formulation***

**Product Type:** Polyclonal Antibody

**Product Form:** Serum - liquid

**Preservative Stabilizers:** 0.05% Sodium Azide (NaN<sub>3</sub>)

#### ***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. Avoid repeated freezing and thawing as this may denature the the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**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	.			
Western Blotting	.			1/500 - 1/2000
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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