



## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet

## Rabbit anti CORTICOSTERONE

With HRP-conjugated Secondary Antibody

Catalog No.	Species	Isotype
DS-PB-00534	Broad	IgG

### Preparation

- **Immunogen:** Corticosterone 3 -BSA conjugate
- **Preparation:** Purified IgG prepared by affinity chromatography on Protein G

### Formulation

- **Product Type:** Polyclonal Antibody
- **Product Form:** Purified IgG - liquid
- **Buffer Solution:** Phosphate buffered saline, pH 7.2
- **Approx. Protein Concentration:** IgG concentration 1.0 mg/ml
- **Preservative & Stabilizers:** 0.09% Sodium Azide

### Specificity

- DS-PB-00534 is specific for Corticosterone, a steroid hormone which is produced by the adrenal gland. It is the major glucocorticoid in many species, having a role in stress response and immune reactions.
- This antibody show minimal cross-reactivity with the following related hormones:
  - 11-Deoxycorticosterone** 1%
  - Cortisol** 0.1%
  - Progesterone** 0.02%
  - Testosterone** <0.01%

### 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 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**

<b>Options</b> <b>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

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 blotting)	•			1:5,000-1:10,000

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