

### **RayBiotech**, Inc.

3607 Parkway Lane suite 200 Norcross,GA 30092 Tel: 770-729-2992, 1-888-494-8555 Fax: 770-206-2393 Website: www.raybiotech.com Email: info@raybiotech.com

# 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.

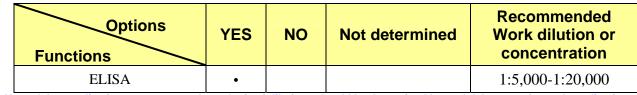
The products are furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.



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#### **Applications**



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 blotting)	•			1:5,000-1:10,000