



## 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](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

# Certificate of Analysis and Data Sheet Mouse Anti 17-alpha-Hydroxyprogesterone

**Catalog No.**  
MD-14-0381

**Species**

**Isotype**  
IgG3

## Preparation

**Host Animal:** Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice.  
**Source:** Ascites  
**Immunogen:** Conjugate of 17-alpha-hydroxyprogesterone with BSA  
**Purification:**  $\geq 95\%$  pure (SDS-PAGE). Protein G chromatography

## Specificity

Reacts with 17-alpha-hydroxyprogesterone-BSA conjugate and free 17-alpha-hydroxyprogesterone. No cross reactivity with BSA.

<u>Cross-reactivity</u>	
17-Hydroxyprogesterone	100%
Progesterone	7%
Deoxycorticosterone	3%

## Formulation

**Format:** Purified, Liquid  
**Purification:**  $\geq 95\%$  pure (SDS-PAGE). Protein G chromatography  
**Concentration:** 1.5mg/ml (OD280nm,  $E^{0.1\%}=1.4$ )  
**Affinity Constant:** Not determined  
**Buffer:** PBS, pH 7.4  
**Preservative:** 0.1% Sodium azide

**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			.	
Cell Adhesion			.	
Flow Cytometry			.	
Competitive Assay	.			

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

## Storage

Store at 2-8°C.

**Centrifuge before opening to ensure complete recovery of vial contents.**

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