



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## RABBIT ANTI BORRELIA BURGDORFERI:HRP

### With HRP-Conjugated Second Antibody

Catalog No.	Species	Isotype
DS-PB-00298	Bacterial	IgG

### **Preparation**

**Immunogen:** Native, whole cells

### **Specificity**

Reacts with *B. hermsii*, *B. parkerii* and *T. pallidum*.

### **Formulation**

**Product Type:** Polyclonal Antibody

**Product Form:** Liquid

**Buffer Solution:** PBS buffer, pH 7.2, 10mg/ml BSA, 0.002% thimerosal

**Approx. Protein Concentrations** 1-2 mg/ml

**Enzyme: Protein (Molar Ratio):** 2-3 HRP:IgG

### **Storage**

-20°C only (ship +4°C)

**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	.			1/200 - 1/1000
Western Blotting(1)	.			
Immunohistology – frozen(2)	.			
Immunohistology - paraffin	.			1/20 - 1/200
Immunohistology - resin			.	
Immunoprecipitation			.	
Flow Cytometry			.	
Immunofluorescence	.			1/10 - 1/50
Neutralization			.	

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

(1) Reacts with bands at 83, 41, 34 and 31 kDa in Western blotting. Various other intermediate and low molecular weight antigens are also detected.

(2) Suitable for use on paraffin-embedded sections

### 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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