



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

#### Rabbit Anti Beta Amyloid (1-40)

#### With HRP-Conjugated Second Antibody

**Catalog No.**  
DS-PB-00152

**Species**  
Human

**Isotype**  
Polyclonal IgG

### **Preparation**

Antisera to Beta amyloid (1-40) were raised by repeated immunizations of rabbits with highly purified antigen.

### **Specificity**

DS-PB-00152 recognizes the beta amyloid (1-40) peptide that is an important factor in the pathogenesis of Alzheimer's disease. This antibody may be used in immunohistochemical staining of Alzheimer's disease plaques.

**Histology Positive Control Tissue:** Alzheimer's disease brain

### **Formulation**

**Product Type:** Polyclonal Antibody

**Product Form:** Serum – liquid

**Preservative Stabilizers:** 0.02% Sodium Azide

### **Storage**

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. 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 dispatch

**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 - 1/1000
Immunohistology - frozen			.	
Immunohistology - paraffin	.			*Requires formic acid pre-treatment
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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