



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet Rabbit Anti Human Beta Amyloid (1-42) With HRP-Conjugated Second Antibody

**Catalog No.**  
DS-PB-00153

**Species**  
Human

**Isotype**  
Polyclonal IgG

#### **Preparation**

Antisera to Beta amyloid (1-42) were raised by repeated immunizations of rabbits with highly purified antigen.

#### **Specificity**

DS-PB-00153 recognizes the beta amyloid (1-42) 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  
**Buffer Solution:** Phosphate buffered saline pH7.4  
**Preservative Stabilizers:** 0.09% Sodium Azide

#### **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.  
Should this product contain a precipitate we recommend microcentrifugation before use.  
**Avoid repeated freezing and thawing as this may denature the antibody.**  
**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**

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
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

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	.			1:5000-1:10000

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