



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rabbit Anti Human Alpha Elastin

With HRP-conjugated Secondary Antibody

Catalog No.
DS-PB-00140

Target Species
Human

Isotype
IgG

Preparation

Antiserum Preparation: Ig fraction prepared by ammonium sulfate precipitation
Immunogen: Native

Formulation

Product Type: Polyclonal Antibody
Product Form: Ig fraction - liquid
Buffer Solution: Phosphate buffered saline
Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)
Approx. Protein Concentrations: IgG concentration 3.63 mg/ml

Specificity

100% with beta elastin at antibody dilution of 1/6K. Cross reacts with alpha elastin from cow.

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

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA (1)	•			
Western Blotting			•	
IHC – Paraffin (2)	•			
Immunoprecipitation			•	
Flow Cytometry			•	
Immunofluorescence			•	
Functional Assays			•	

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

(1) In a simple ELISA, with 1 µg of native antigen coated per well, the 50% OD was observed at an antibody dilution of 1/8K. Under the same conditions, the end point was observed at 1/200K.

(2) Fixation with 10% formalin is recommended. Brief digestion with hyaluronidase or trypsin aids antigen retrieval.

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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