



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

RABBIT ANTI RAT COLLAGEN III

With HRP-Conjugated Second Antibody

Catalog No.
DS-PB-00519

Rat Species
Rat

Isotype
Polyclonal IgG

Preparation

Immunogen: Collagen type III from rat tail tendon

Specificity

DS-PB-00519 is specific for rat Collagen 3 binding to both native and heat denatured collagen 3. This antibody is reactive with rat kidney, liver, skin and heart, but does not stain basement membranes.

Formulation

Product Type: Polyclonal Antibody

Product Form: Purified IgG – lyophilized

Reconstitution: Reconstitute in 0.5 ml of distilled water.

Preservative Stabilizers: Contains mannitol, dextran and salts

Approx. Protein Concentrations: 0.1 mg/ml

Storage

Prior to reconstitution store at +4°C.

After reconstitution store at -20°C.

Storage in frost-free freezers is not recommended. 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	.			1/1500 - 1/6000
Western Blotting			.	
Immunohistology - frozen	.			
Immunohistology - paraffin			.	
Immunohistology - resin			.	
Immunoprecipitation			.	
Flow Cytometry			.	
Immunofluorescence	.			
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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