



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

RABBIT ANTI MOUSE COLLAGEN IV

With HRP-Conjugated Second Antibody

Catalog No.
DS-PB-00524

Species
Mouse

Isotype
Polyclonal IgG

Preparation

Preparation: Purified IgG prepared by antigen column chromatography

Immunogen: Collagen IV purified from mouse EHS tumour

Specificity

This product is specific for mouse collagen type IV. The following cross reactivities have been observed:

Mouse type IV 100%

Mouse types I, II & III <0.1%

Human types IV & V <0.1%

Mouse fibronectin & laminin <0.1%

Formulation

Product Type: Polyclonal Antibody

Product Form: Purified IgG - Liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations: IgG concentration 1.0mg/ml

Storage

18 months from date of dispatch.

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.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			1/100 - 1/400
Western Blotting			.	
Immunohistology - frozen			.	
Immunohistology - paraffin	.			1/250 - 1/1000
Immunohistology - resin			.	
Immunoprecipitation			.	
Flow Cytometry			.	
Immunofluorescence	.			1/40 - 1/160
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

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**