



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rabbit Anti-Mouse Collagen I

With HRP-conjugated Secondary Antibody

Catalog No.
DS-PB-00509

Species
Mouse

Isotype
Polyclonal IgG

Preparation

Synonyms: COLA1, COLA2

Purification: Purified Ig prepared by affinity chromatography

Immunogen: Native type I collagen from mouse skin

Specificity

DS-PB-00509 is specific for mouse collagen type I.

Less than 1% cross reactivity has been observed with mouse collagen, types II, VI and III and human, chicken and rat collagen, type I.

Formulation

Product Type: Polyclonal Antibody

Product Form: Purified Ig - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunohistology - Paraffin	•			1/250 - 1/1000
ELISA	•			1/100 - 1/400
Western Blotting			•	
Immunofluorescence	•			1/50 - 1/100

Note: Other applications are not tested yet. Optimal dilutions should be determined.

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



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Secondary Antibody Applications

<div>Options</div> <div>Functions</div>	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5,000-1:10,000

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 dispatch.

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