



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Human Collagen III

With HRP-conjugated Detection Reagent

Catalog No.
DS-MB-01037

Target Species
Human

Isotype
IgM

Preparation

Purification: Purified IgM prepared by ion exchange chromatography

Immunogen: Native collagen III

Specificity

DS-MB-01037 reacts with human collagen type III, a fibrillar collagen found in extensible connective tissues such as skin, lung, and the vascular system, frequently in association with type I Collagen.

DS-MB-01037 recognizes both the heat denatured and native forms of collagen type III.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgM - lyophilized

Reconstitution Reconstitute with 1 ml sterile distilled water

Buffer Solution: Phosphate/Borate buffered saline

Preservative Stabilizers: 0.1% Mannitol

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunohistology - Frozen	•			1/20 - 1/80
Immunohistology - Paraffin			•	
Immunohistology - Resin			•	
Western Blotting			•	
Elisa	•			1/500 - 1/2000

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

Options Functions	ELISA	Western Blotting	Others	Recommended Work dilution or concentration
Biotinylated Anti-Mouse (IGM)	•	•		1:5,000-1:10,000
HRP-Conjugated Streptavidin	•	•		1:1,000-1:2,000

Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted.

Shelf Life: 12 months from date of reconstitution.

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