



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 Fish Collagen Type I

Catalog No.
MD-14-0998

Description

Rabbit Antibody to Fish Collagen Type I

Preparation

Host Animal: Rabbit
Immunogen: Collagen Type I extracted and purified from salmon fish skin
Purification: Ion exchange chromatography

Specificity

Cross-reactivity: (OD at a 1:100 ELISA dilution)

Salmon Fish Collagen Type I	≥1.0
Sole and Tuna fish Collagen Type I	<0.4
Goldfish Collagen Type I	<0.2*
Mammalian, avian Collagen Type I	<0.2*

(*OD≤0.2 means negative reactivity)

Formulation

Format: Purified, Lyophilized
Reconstitution: Reconstitute with 0.5ml deionized water.
Concentration: Not applicable
Buffer: Not applicable
Preservatives: None

Storage

Lyophilized: Short-term (up to 24 months) store at 2-8°C. Long term store at -20°C.

Reconstituted: Aliquot and store (up to 6 months) at -20°C. Avoid multiple freeze/thaw cycles.

**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

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	•			1:10 – 1:200
Western Blotting			•	
IFA	•			1:40
Immunohistochemistry			•	
RIA	•			

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

For immunostaining of extra or intracellular components in light microscopy and the quantitation of Salmon Type I collagen. In indirect IFA with fluorescein anti-rabbit IgG conjugate, use diluted at 1:40 on frozen salmon tissues (skin, liver). For ELISA, use diluted at 1:10 – 1:200. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

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