

## Datasheet: 2150-1410

<b>Description:</b>	RABBIT ANTI MOUSE COLLAGEN I
<b>Specificity:</b>	COLLAGEN I
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	■			
Immunohistology - Paraffin	■			1/250 - 1/1000
ELISA	■			1/100 - 1/400
Western Blotting			■	
Immunofluorescence	■			1/50 - 1/100
Radioimmunoassays	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified Ig - liquid
<b>Preparation</b>	Purified Ig prepared by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Immunogen</b>	Native type I collagen from mouse skin
<b>External Database Links</b>	<p>UniProt:</p> <p><a href="#">P11087</a> CO1A1_MOUSE <a href="#">Related reagents</a></p> <p><a href="#">Q01149</a> CO1A2_MOUSE <a href="#">Related reagents</a></p> <p>Entrez Gene:</p> <p><a href="#">12842</a> Col1a1 <a href="#">Related reagents</a></p> <p><a href="#">12843</a> Col1a2 <a href="#">Related reagents</a></p>
<b>Synonyms</b>	Cola1, Cola2
<b>Specificity</b>	2150-1410 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.
<b>References</b>	1. Uezumi, A. <i>et al.</i> (2011) Fibrosis and adipogenesis originate from a common mesenchymal progenitor in skeletal muscle. <a href="#">J Cell Sci. 124: 3654-64.</a>

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<b>Storage</b>	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.
<b>Shelf Life</b>	18 months from date of despatch.

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