

## MD Biosciences

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## RABBIT ANTI-HUMAN COLLAGEN TYPE I, IgG FRACTION

(For research use only)

<b>Catalog N°</b>	MD 20111
<b>Description</b>	Rabbit polyclonal antibodies against Collagen Type I extracted and purified from human skin. The IgG fraction is obtained by ion exchange chromatography.
<b>Format</b>	IgG fraction, freeze-dried (0.5 ml). Reconstitute with 0.5 ml di H <sub>2</sub> O and store aliquots at -20°C.
<b>Stability</b> ;	<u>Unreconstituted</u> : 24 months at +2°/8°C or longer at -20°C  avoid freeze-thaw cycles by aliquoting before storage at -20°C and use. <u>Reconstituted</u> : 6 months (mini) at -20°C.
<b>Applications</b>	IFA, RIA, ELISA (tested).
<b>Specificity</b> <b>(% ; at a 1:500</b> <b>RIA dilution)</b>	Human Collagen, Type I : 100 Human Collagen, Types II, IV : < 0.1 Human Collagen, Types III, V : < 1.0 Bovine Collagen, Type I : < 1.0 Chicken, Rat Collagens, Type I : < 0.1 Human Fibronectin : < 0.1 Mouse Laminin : < 0.1
<b>Use</b>	For immunostaining of extra or intracellular components in light microscopy. For the quantitation of Collagen Type I in biological fluids or in culture supernatants.
<b>Working dilutions</b>	In indirect IFA with fluoresceine anti-rabbit IgG conjugate, use at the following dilution : - 1:40 on frozen human liver, skin and placenta tissues.