

## Rabbit Anti-Mouse Collagen Type I Antibody IgG fraction

**Catalog Number 203002-1**

*For research use only*

<b>DESCRIPTION</b>	Rabbit polyclonal antibodies against Collagen Type I, extracted and purified from mouse skin. The IgG fraction is obtained by ion exchange chromatography.	
<b>FORMAT</b>	Purified, freeze-dried antibody in 0.1 mL vial. Reconstitute with 0.1 mL distilled water and store aliquots at -20°C.	
<b>STABILITY</b>	Unreconstituted: 24 months at 2 - 8 °C or longer at -20 °C. Avoid freeze-thaw cycles by aliquoting. Reconstituted: 6 months at -20 °C.	
<b>APPLICATION</b>	IF, IHC, ELISA, RIA.	
<b>SPECIFICITY</b>	Mouse Collagen Type I	100 %
	Mouse Collagen Type II, IV	< 0.1%
	Mouse Collagen Type III	< 1.0 %
	Human, Chicken, Rat Collagens Type I	< 0.1%
<b>USE</b>	For the immunostaining of extra or intracellular components in light microscopy and the quantitation of Mouse Type I Collagen in biological fluids or culture supernatants.	
<b>WORKING DILUTIONS</b>	IF (with fluorescein anti-rabbit IgG conjugate): Use diluted at $\geq$ 1:40 on frozen mouse tissues (skin, liver, etc.).	
	IHC(p): Use diluted at $\geq$ 1:500 on fixed, paraffin-embedded mouse tissues (skin, liver, etc.).	
	ELISA: Use diluted at $\geq$ 1:2000 (OD = 0.5)	
	Optimal dilutions should be determined by the researcher.	

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