

Rabbit Anti-Rat Collagen Type I Antibody IgG fraction

Catalog Number 203004-1

For research use only

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