

Rabbit Anti-Rat Collagen Type IV Antibody IgG fraction

Catalog Number 203005-1

For research use only

DESCRIPTION	Rabbit polyclonal antibodies against Collagen Type IV, extracted and purified from rodent tumor tissues. 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 IV	100 %
	Rat Collagen Types I, II, III, V	< 0.1 %
	Human collagen Type I	< 0.1 %
	Rat fibronectin	< 0.1%
	Mouse laminin	< 0.1%
USE	For the immunostaining of extra or intracellular components in light microscopy and the quantitation of rat type IV 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.	

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