

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

**Catalog Number 203003-1**

*For research use only*

<b>DESCRIPTION</b>	Rabbit polyclonal antibodies against Collagen Type IV, extracted and purified from mouse tumor tissues. 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, SP(RIA)	
<b>SPECIFICITY</b>	Mouse Collagen Type IV	100 %
	Mouse Collagen Types I, II, III	< 0.1 %
	Human Collagen Types IV, V	< 0.1 %
	Mouse fibronectin	< 0.1%
	Mouse laminin	< 0.1%
<b>USE</b>	For the immunostaining of extra or intracellular components in light microscopy and the quantitation of human Type IV 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...).	
	IHC: Use diluted at $\geq 1:500$ on fixed, paraffin-embedded mouse 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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