

## PURIFIED RABBIT ANTI-RAT TYPE IV COLLAGEN

(For research use only)

Catalog N°	20441															
Description	Affinity chromatography purified rabbit antibody to rat type IV collagen extracted and purified from rodent tumor tissues.															
Format	Purified, freeze-dried antibody in 0.5ml vials. Reconstitute with 0.5ml diH2O and store aliquots at -20°C.															
Stability	<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.															
Applications	IFA, IHC(p), ELISA, (SP)RIA (tested).															
Specificity (% ; at a 1:5000 RIA dilution)	<table><tr><td>Rat collagen, type IV</td><td>:</td><td>100</td></tr><tr><td>Rat collagen, types I, II, III,V</td><td>:</td><td>&lt; 0.1</td></tr><tr><td>Human collagen, type IV</td><td>:</td><td>&lt; 0.1</td></tr><tr><td>Rat fibronectin</td><td>:</td><td>&lt; 0.1</td></tr><tr><td>Mouse laminin</td><td>:</td><td>&lt; 0.1</td></tr></table>	Rat collagen, type IV	:	100	Rat collagen, types I, II, III,V	:	< 0.1	Human collagen, type IV	:	< 0.1	Rat fibronectin	:	< 0.1	Mouse laminin	:	< 0.1
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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	<ul style="list-style-type: none"><li>. <b>IFA</b> (with fluorescein anti-rabbit IgG conjugate) ; use diluted at <math>\geq 1:80</math> on frozen rat tissues (skin, liver ...).</li><li>. <b>IHC(p)</b> (immunoperoxidase technique with the Envision / Dako kit*) ; use diluted at <math>\geq 1:500</math> on fixed, paraffin-embedded rat tissues (skin, liver ...).</li><li>. <b>ELISA</b> ; use diluted at <math>\geq 1:200</math> (OD <math>\geq 500</math>).</li></ul>															

\* : Our recommended technique (IHC(p) / Envision, 2-02/00) is available on request.