



# NOVOTEC

**NEW**

## PURIFIED RABBIT ANTI-PORCINE TYPE IV COLLAGEN

(For research use only)

<b>Catalog N°</b>	20491															
<b>Description</b>	Affinity chromatography purified rabbit polyclonal antibody to porcine type IV collagen extracted, purified from porcine kidney tissues.															
<b>Format</b>	Purified, freeze-dried antibody in 0.5ml vials. Reconstitute with 0.5ml diH <sub>2</sub> O and store aliquots (≥100μl) at -20°C.															
<b>Stability</b>	<u>Unreconstituted</u> : 24 months at -20°C ; avoid freeze-thaw cycles by aliquoting before use and storage at -20°C. <u>Reconstituted</u> : 6 months (mini) at -20°C.															
<b>Applications</b>	IFA, IHC, ELISA, (SP)RIA, IB/WB.															
<b>Specificity</b> (% ; at a 1:5000 RIA dilution)	<table> <tr> <td>Porcine collagen, type IV</td> <td>:</td> <td>100</td> </tr> <tr> <td>Porcine collagen, types I, II, III</td> <td>:</td> <td>&lt; 0.1</td> </tr> <tr> <td>Porcine elastin, fibronectin, laminin</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>Mouse, rat collagen, type IV</td> <td>:</td> <td>&lt; 1.0</td> </tr> </table>	Porcine collagen, type IV	:	100	Porcine collagen, types I, II, III	:	< 0.1	Porcine elastin, fibronectin, laminin	:	< 0.1	Human collagen, type IV	:	< 0.1	Mouse, rat collagen, type IV	:	< 1.0
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<b>Use</b>	For the immunostaining of extra or intracellular components in light microscopy and the quantitation of porcine type IV collagen in biological fluids or culture supernatants.															
<b>Working dilutions</b>	<ul style="list-style-type: none"> <li>. IFA* (with fluorescein anti-rabbit IgG conjugate) ; use diluted at ≥ <u>1:80</u> on frozen porcine tissues (skin, liver ...).</li> <li>. IHC(p) (immunoperoxidase technique with the Envision / Dako kit*) ; use diluted at ≥ <u>1:500</u> on fixed, paraffin-embedded porcine tissues (skin, liver ...).</li> <li>. ELISA ; use diluted at ≥ <u>1:200</u> (OD ≥ 500).</li> </ul>															

\* : Our recommended protocol [IHC(p) / Envision, 4-01/04] is available on request.

(20491, 1-08/05)