


**NOVOTEC**

 **コスモ・バイオ株式会社**

**PURIFIED RABBIT ANTI-HUMAN TYPE III COLLAGEN**  
(For research use only)

<b>Catalog n°</b>	20311
<b>Description</b>	<i>Affinity chromatography purified rabbit polyclonal antibody to human type III collagen extracted, purified from human placenta.</i>
<b>Format</b>	<i>Purified, freeze-dried antibody in 0.5 ml vials. Reconstitute with 0.5 ml diH<sub>2</sub>O and store aliquots (≥ 100µl) at - 20°C.</i>
<b>Stability</b>	<i><u>Unreconstituted</u> : 24 months at - 20°C ; avoid freeze-thaw cycles by aliquoting before storage at - 20°C and use. <u>Reconstituted (undiluted)</u> : 6 months (mini) at - 20°C.</i>
<b>Applications</b>	<i>IFA, IHC, ELISA, (SP)RIA , IB/WB.</i>
<b>Specificity</b> (% ; at a 1:40 RIA dilution)	<i>Human collagen, type III : 100 Human collagen, types I, IV : &lt;1.0 Human collagen, types II, V : &lt;0.1 Human fibronectin ; laminin : &lt;0.1</i>
<b>Reactivity (IFA)</b>	<i><u>Human strictly</u>. No cross-reactivity with other species (bovine, porcine, rat, mouse, ... ) tested.</i>
<b>Use</b>	<i>For the immunostaining of extra or intracellular components in light microscopy and the quantitation of human type III collagen in biological fluids or culture supernatants.</i>
<b>Working dilutions</b>	<i>. IFA (with fluorescein anti-rabbit IgG conjugate) ; use diluted at ≥ <u>1:80</u> on frozen human tissues (skin, liver, ...). . IHC(p) (immunoperoxidase technique with the Envision / Dako kit*) ; use diluted at ≥ <u>1:500</u> on fixed, paraffin-embedded human tissues (skin, liver, ...). . ELISA ; use diluted at ≥ <u>1:200</u> (OD ≥ 500).</i>

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