



NOVOTEC

PURIFIED RABBIT ANTI-HUMAN TYPE V COLLAGEN

(For research use only)

Catalog n°	20511
Description	<i>Affinity chromatography purified rabbit polyclonal antibody to human type V collagen extracted, purified from human placenta.</i>
Format	<i>purified, freeze-dried antibody in 0.5 ml vials. Reconstitute with 0.5 ml diH₂O and store aliquots (≥ 100µl) at - 20°C.</i>
Stability	<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>
Applications	<i>IFA, IHC, ELISA, (SP)RIA, IB/WB.</i>
Specificity (% ; at a 1:100 RIA dilution)	<i>Human collagen, type V : 100 Human collagen, types I, III, IV : < 0.1 Human fibronectin ; laminin : < 0.1</i>
Reactivity (ELISA ; IHC)	<i><u>Human</u> ; cross-reactivity is strong with <u>bovine</u> and <u>porcine</u> species while it is low / negligible with mouse and rat species.</i>
Use	<i>For the immunostaining of extra or intracellular components in light microscopy and the quantitation of human type V collagen in biological fluids or culture supernatants.</i>
Working dilutions	<i>. IFA (with fluorescein anti-rabbit IgG conjugate) ; use diluted at ≥ <u>1:80</u> on frozen human tissues (skin, liver, placenta ...). . IHC(p) (immunoperoxidase technique with the Envision / Dako kit*) ; use diluted at ≥ <u>1:500</u> on fixed, paraffin-embedded human tissues (skin, liver, placenta ...). . ELISA ; use diluted at ≥ <u>1:200</u> (OD ≥ 500).</i>

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