

PURIFIED RABBIT ANTI-HUMAN TYPE I COLLAGEN

(For research use only)

Catalog n°	20111
Description	Affinity chromatography purified rabbit antibody to human type I collagen extracted, purified from human skin.
Format	Purified, freeze-dried antibody in 0.5ml vials. Reconstitute with 0.5 ml diH ₂ O 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 1:500 RIA dilution)	Human collagen, type I : 100 Human collagen, types II, IV : < 0.1 Human collagen, types III, V : < 1.0 Human fibronectin : < 0.1 Mouse laminin : < 0.1
Use	For the immunostaining of extra or intracellular components in light microscopy and the quantitation of human type I collagen in biological fluids or in culture supernatants.
Working dilutions	. IFA (with fluorescein anti-rabbit IgG conjugate) ; use diluted at ≥ 1:80 on frozen human tissues (skin, liver, placenta ...). . IHC(p) (immunoperoxidase technique with the Envision / Dako kit*) ; use diluted at ≥ 1:500 on fixed, paraffin-embedded human tissues (skin, liver, placenta ...). . ELISA ; use diluted at ≥ 1:200 (OD ≥ 500).

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