



PURIFIED RABBIT ANTI-PORCINE TYPE I COLLAGEN

(For research use only)

Catalog n°	20191
Description	Affinity chromatography purified rabbit antibody to type I collagen extracted, purified from porcine tendon.
Format	Purified, freeze-dried antibody in 0.5ml vials. Reconstitute with 0.5ml diH2O and store aliquots (≥100µl) at -20°C.
Stability	<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.
Applications	IFA, IHC(p), ELISA, (SP)RIA (tested).
Specificity (% ; at a 1: 200 RIA dilution)	Porcine collagen, type I : 100 Porcine collagen, types II, IV, V : < 0.1 Porcine collagen, type III : < 1.0 Porcine elastin, fibronectin : < 0.1 Human, mouse collagens, type I : < 0.1 Bovine, rat collagens, type I : < 1.0
Use	For the immunostaining of extra or intracellular components in light microscopy and the quantitation of porcine type I collagen in biological fluids or culture supernatants.
Working dilutions	. IFA* (with fluorescein anti-rabbit IgG conjugate) ; use diluted at ≥ 1:80 on frozen porcine tissues (skin, liver ...). . IHC(p)* (immunoperoxidase technique with the Envision / Dako kit*) ; use diluted at ≥ 1:500 on fixed, paraffin-embedded porcine tissues (skin, liver ...). . ELISA ; use diluted at ≥ 1:200 (OD ≥ 500).
References	(177) Rousseau, Gagnieu, Biomaterials, 2002, 23, 1503-1510

* : Our recommended protocols [IHC(f) / IFA(2), 4-06/04 ; IHC(p) / Envision, 4-01/04) are available on request.