

PURIFIED RABBIT ANTI-BOVINE TYPE I COLLAGEN

(For research use only)

Catalog n°	20121
Description	Affinity chromatography purified rabbit antibody to bovine type I collagen extracted, purified from bovine skin.
Format	Purified, freeze-dried antibody in 0.5ml vials. Reconstitute with 0.5ml 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)	Bovine collagen, type I : 100 Bovine collagen, types II, IX, XI : < 0.1 Bovine fibronectin : < 0.1 Human collagen, type I : < 2.0 Chicken collagen, type I : < 0.1
Use	For the immunostaining of extra or intracellular components in light microscopy and the quantitation of bovine type I collagen in biological fluids or culture supernatants.
Working dilutions	. IFA (with fluorescein anti-rabbit IgG conjugate) ; use diluted at ≥ 1:40 on frozen bovine tissues (liver, skin ..). . IHC(p) (immunoperoxidase technique with the Envision / Dako kit**) ; use diluted at ≥ 1:500 on fixed, paraffin-embedded bovine tissues (skin, liver ...). . ELISA ; use diluted at ≥1:200 (OD ≥ 500).

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