

PURIFIED RABBIT ANTI-BOVINE TYPE IV COLLAGEN

(For research use only)

Catalog n°	20421												
Description	Chromatography purified rabbit antibody to bovine type IV collagen extracted, purified from bovine lens capsules.												
Format	Purified, freeze-dried antibody in 0.5ml vials. Reconstitute with 0.5ml diH2O 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 (tested).												
Specificity (OD at a 1:100 ELISA dilution)	<table><tr><td>Bovine collagen, type IV</td><td>:</td><td>≥ 1.0</td></tr><tr><td>Bovine collagen, types I, II, III, IX, XI</td><td>:</td><td>< 0.1 *</td></tr><tr><td>Bovine fibronectin</td><td>:</td><td>< 0.1 *</td></tr><tr><td>Other species type IV collagen</td><td>:</td><td>< 0.1 *</td></tr></table>	Bovine collagen, type IV	:	≥ 1.0	Bovine collagen, types I, II, III, IX, XI	:	< 0.1 *	Bovine fibronectin	:	< 0.1 *	Other species type IV collagen	:	< 0.1 *
Bovine collagen, type IV	:	≥ 1.0											
Bovine collagen, types I, II, III, IX, XI	:	< 0.1 *											
Bovine fibronectin	:	< 0.1 *											
Other species type IV collagen	:	< 0.1 *											
Use	For the immunostaining of extra or intracellular components in light microscopy and the quantitation of bovine type IV collagen in biological fluids or culture supernatants.												
Working dilutions	<ul style="list-style-type: none">• 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 ≥ 1:250 on fixed, paraffin-embedded bovine tissues (skin, liver ...).• ELISA ; use diluted at ≥1:100-1:200 (OD ≥ 500).												

* : OD ≤ 0.2 means negative reactivity.

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