

**PURIFIED RABBIT ANTI-FISH TYPE I COLLAGEN**

(For research use only)

<b>Catalog n°</b>	G20171
<b>Description</b>	Affinity chromatography purified rabbit antibody to fish type I collagen extracted, purified from goldfish skin.
<b>Format</b>	Purified, freeze-dried antibody in 0.5ml vials. Reconstitute with 0.5 ml diH <sub>2</sub> O and store aliquots at -20°C.
<b>Stability</b>	<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.
<b>Applications</b>	IFA, IHC(p), ELISA, (SP)RIA (tested).
<b>Specificity</b> (OD at a 1:100 ELISA dilution)	Fish collagen, type I : $\geq 1.0$ Other species type I collagen : $< 0.1$ *
<b>Use</b>	For the immunostaining of extra or intracellular components in light microscopy and the quantitation of fish type I collagen in biological fluids or in culture supernatants.
<b>Working dilutions</b>	. <b>IFA</b> (with fluorescein anti-rabbit IgG conjugate) ; use diluted at $\geq 1:40$ with frozen goldfish tissues (skin, liver ...). . <b>IHC(p)</b> (immunoperoxidase technique with the Envision / Dako kit*) ; use diluted at $\geq 1:500$ with fixed, paraffin-embedded goldfish tissues (skin, liver ...). . <b>ELISA</b> ; use diluted at $\geq 1:100$ - $1:200$ (OD $\geq 500$ ).

\* : OD  $\leq 0.2$  means negative reactivity.