

Product datasheet for CL197P

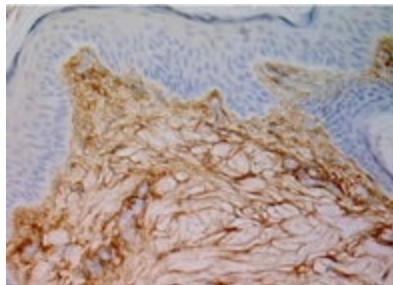
Collagen type III alpha 1 chain Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC
Recommended Dilution:	Indirect Immunofluorescence with Fluorecein anti Rabbit IgG Conjugate, use 1/40 on Frozen bovine skin, and liver tissues. Immunohistochemistry on Paraffin Sections: 1/500 on fixed paraffin embedded bovine skin, and liver tissues. ELISA: $\geq 1/200$ ($OD \geq 500$). Radioimmunoassay. For immunostaining of extra or intracellular components in light microscopy. For the quantitation of Collagen Type III in biological fluids or in culture supernatants.
Reactivity:	Bovine
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Collagen Type III extracted and purified from Bovine skin.
Specificity:	This antibody recognizes Bovine Collagen Type III. Specificity (1/50 RIA dilution): Bovine Collagen, Type III: 100 %. Bovine Collagen, Type I: less than 5.0 %. Bovine Collagen, Type II: less than 0.1 %.
Formulation:	State: Aff - Purified State: Lyophilized IgG fraction
Reconstitution Method:	Restore with 0.5 ml distilled water.
Purification:	Affinity Chromatography
Conjugation:	Unconjugated



Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P04258
Background:	Collagen III is a fibrillar collagen that is found in extensible connective tissues such as skin, lung, and the vascular system, frequently in association with type I Collagen. Mutations in the gene are associated with Ehlers Danlos syndrome type IV, and with aortic and arterial aneurysms. Although alternate transcripts have been detected for this gene, they are the result of mutations; these mutations alter splicing, often leading to the exclusion of multiple exons.
Synonyms:	COL3A1

Product images:

Skin: Formalin-Fixed Paraffin-Embedded (FFPE)