

Collagen III antibody (HRP)

Cat. No. GTX00777

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, IP, ELISA
Reactivity	Human, Bovine

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:5000
IHC-P	1:200-1:1000
IP	1:100
ELISA	1:10000-1:50000

Not tested in other applications.

Calculated MW 139 kDa. ([Note](#))

Product Note

Some class-specific anti-collagens may be specific for three-dimensional epitopes which may result in diminished reactivity with denatured collagen or formalin-fixed, paraffin embedded tissues. This antibody reacts with most mammalian Type III collagens and has expected cross-reactivity with Type I and negligible cross reactivity with Type II, IV, V or VI collagens.

Properties

Form	Liquid
Buffer	10mM Sodium Phosphate, 250mM NaCl, 1% BSA
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Collagen Type III from human and bovine placenta.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Horseradish peroxidase(HRP)



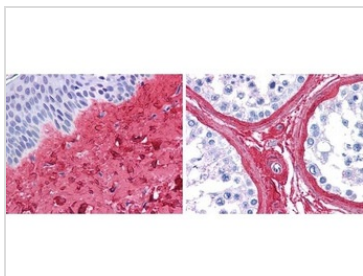
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

**GTX00777 IHC-P Image**

IHC-P analysis of human skin (left, dermis) and testis (right) using GTX00777 Collagen III antibody (HRP). The antibody showed strong extracellular staining within connective tissues across many organs with minimal background staining.

Antigen retrieval : 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C with 20 minutes

Dilution : 1:400



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