

Collagen IV antibody [COL-94]

Cat. No. GTX26311

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr, Dot, ELISA, EM
Reactivity	Human

References (4)

Package

100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	1:500
IHC-Fr	Assay dependent
Dot	Assay dependent
ELISA	Assay dependent
EM	Assay dependent

Not tested in other applications.

Calculated MW 161 kDa. ([Note](#))

Product Note

Using immunohistochemical staining of basal laminae, the antibody recognizes an epitope located on the $\alpha 1$ and/or $\alpha 2$ chains of human collagen type IV. The antibody shows reactivity with native primate collagen type IV in ELISA and dot blot assay. Using the dot blot technique, the antibody shows no cross-reactivity with human collagen types I, II, III, V, VI and VII, human vitronectin, fibronectin and chondroitin sulfate types A, B and C.

We do not recommend use of this product for Rat,Rabbit,Goat,Sheep,Cat,Chicken samples.

Properties

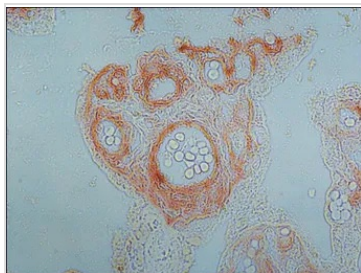
Form	Liquid
Buffer	Ascites
Preservative	15mM Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Immunogen	human collagen type IV



For full product information, images and publications, please visit our [website](#).

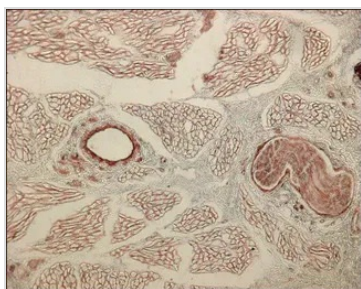
Purification	Unpurified
Conjugation	Unconjugated
Note	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.</p>

DATA IMAGES



GTX26311 IHC-P Image

IHC-P analysis of human placenta sections using GTX26311 Collagen IV[COL-94] antibody at 1:500.



GTX26311 IHC-P Image

IHC-P analysis of human tongue tissue using GTX26311 Collagen IV antibody [COL-94] at 1:500.



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