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Antibodies | ELISA kits | Proteins

IHC*easy* COL3A1 Ready-To-Use IHC Kit

Catalog Number: KHC0264

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Recombinant

Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

Background

Type III collagen is a fibrillar forming collagen comprising three α1(III) chains and is expressed in early embryos and throughout embryogenesis. In the adult, type III collagen is a major component of the extracellular matrix in a variety of internal organs and skin. It occurs in most soft connective tissues along with type I collagen. COL3A1 gene encodes type III procollagen. Mutations in this gene are associated with Ehlers-Danlos syndrome types IV, and with aortic and arterial aneurysms. This antibody was raised against 24-152 aa of prepro α1 (III) chain of human type III procollagen. It can't recognize mouse or rat type III collagen.
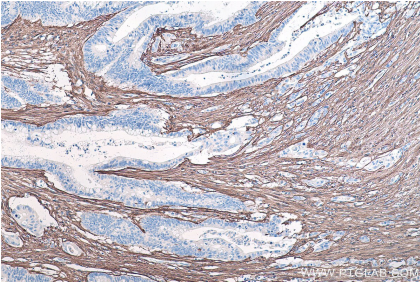
Synonyms

COL3A1, Collagen alpha 1(III) chain, Collagen Type III, Collagen Type III (N-terminal), collagen, type III, alpha 1, EDS4A, FLJ34534
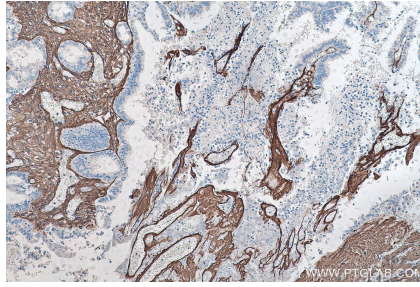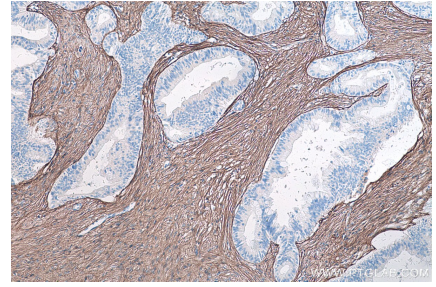
Selected Validation Data

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0264 (COL3A1 IHC Kit).

Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC0264 (COL3A1 IHC Kit).

Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC0264 (COL3A1 IHC Kit).