

Nur für Forschungszwecke

# Collagen Type III (N-terminal) Rekombinanter Antikörper



Katalog-Nr.:CL594-80009

## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-80009	<b>GenBank-Zugangsnummer:</b> BC028178	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 500 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 1281	<b>CloneNo.:</b> 201
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> collagen, type III, alpha 1	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 1466 aa, 139 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 588 nm / 604 nm
<b>Immunogen Katalognummer:</b> AG18658	<b>Beobachtete Masse:</b> 140-180 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF	<b>Positivkontrollen:</b> IF : humanes Kolongewebe,
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

Type III collagen is a fibrillar forming collagen comprising three  $\alpha 1(\text{III})$  chains and is expressed in early embryos and throughout embryogenesis (PMID: 9050868). 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 (PMID: 2445760). COL3A1 gene encodes type III procollagen. Mutations in this gene are associated with Ehlers-Danlos syndrome types IV, and with aortic and arterial aneurysms (PMID: 10706896; 2243125; 18389341). This antibody was raised against 24-152 aa of prepro  $\alpha 1(\text{III})$  chain of human type III procollagen. It can't recognize mouse or rat type III collagen.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

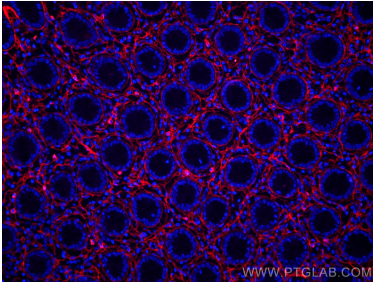
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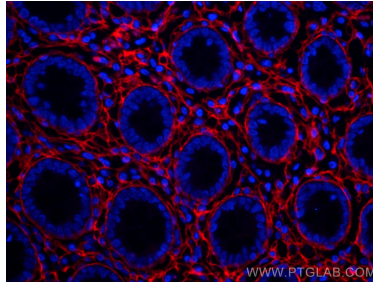
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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human colon tissue using CoraLite®594 Collagen Type III (N-terminal) antibody (CL594-80009, Clone: 201) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human colon tissue using CoraLite®594 Collagen Type III (N-terminal) antibody (CL594-80009, Clone: 201) at dilution of 1:200.