

Collagen Type III (N-terminal) Rekombinanter Antikörper

Katalog-Nr.: CL647-80009

Allgemeine Informationen

Katalog-Nr.: CL647-80009	GenBank-Zugangsnummer: BC028178	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 1000 µg/ml von 1281 Nanodrop;	GeneID (NCBI): von 1281	CloneNo.: 201
Wirt: Kaninchen	Vollständiger Name: collagen, type III, alpha 1	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG	Berechnete Masse: 1466 aa, 139 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 654 nm / 674 nm
Immunogen Katalognummer: AG18658	Beobachtete Masse: 140-180 kDa	

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : humanes Kolongewebe,
Getestete Reaktivität: 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

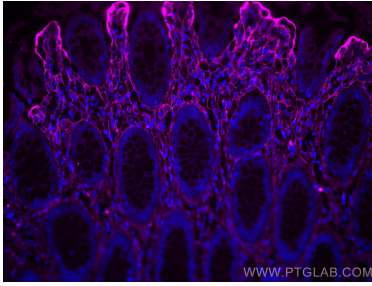
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

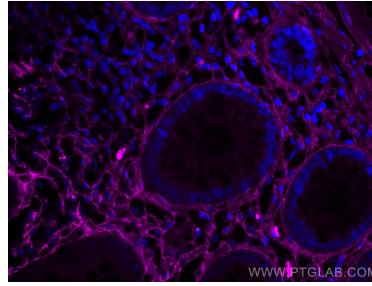
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human colon tissue using CoraLite® Plus 647 Collagen Type III (N-terminal) antibody (CL647-80009, Clone: 2O1) at dilution of 1:200.



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