

Recombinant Collagen III Monoclonal Antibody

catalog number: **AN301094L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

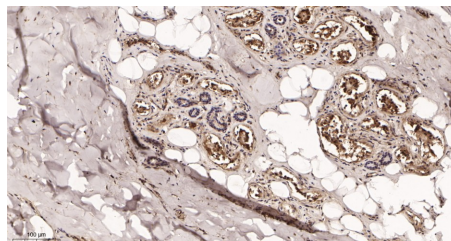
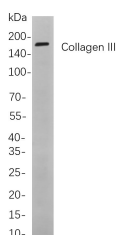
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Collagen III protein
Host	Rabbit
Isotype	IgG, κ
Clone	C110718
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

IHC	1:20-100
WB	1:1000-5000
IF	1:200-1000
ELISA	1:5000-20000
IP	1:50-200

Data

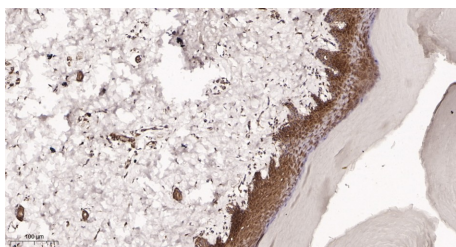


Western Blot with Recombinant Collagen III Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Rat womb cells.

Immunohistochemistry of paraffin-embedded human skin tissue using Recombinant Collagen III Monoclonal Antibody at dilution of 1:200.

Observed-MW:150 kDa

Calculated-MW:138 kDa



Immunohistochemistry of paraffin-embedded rat skin tissue using Recombinant Collagen III Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
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Rev. V1.3

Collagen type III alpha 1 chain(COL3A1) Homo sapiens This gene encodes the pro-alpha1 chains of type III collagen, a fibrillar collagen that is found in extensible connective tissues such as skin, lung, uterus, intestine and the vascular system, frequently in association with type I collagen. Mutations in this gene are associated with Ehlers-Danlos syndrome types IV, and with aortic and arterial aneurysms. Two transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene.