

Recombinant Collagen III alpha 1 Monoclonal Antibody

catalog number: E-AB-81463

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

Description

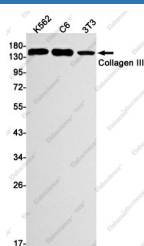
Reactivity	Human
Immunogen	Recombinant protein of human Collagen III
Host	Rabbit
Isotype	Rabbit IgG
Clone	C373249
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Recommended Dilution

WB	1:1000-1:2000
IF	1:20-1:100

Data



Western blot detection of Collagen III in K562,C6,3T3 cell lysates using Collagen III Rabbit mAb(1:1000 diluted).Predicted band size:139kDa.Observed band size:150kDa.

Observed-MW:150 kDa

Calculated-MW:139 kDa



Immunofluorescence of Collagen III(green) in HeLa cells using Collagen III Rabbit mAb at dilution 1:50, and DAPI(blue)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

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.

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