

Product Name: COL3A1 Mouse Monoclonal Antibody**Catalog #: AMM82352**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	138.6kDa

Antigen Information

Gene Name	COL3A1
Alternative Names	EDS4A; EDSVASC; PMGEDSV
Gene ID	1281.0
SwissProt ID	P02461
Immunogen	Purified recombinant fragment of human COL3A1 (AA: 24-153) expressed in E. Coli.

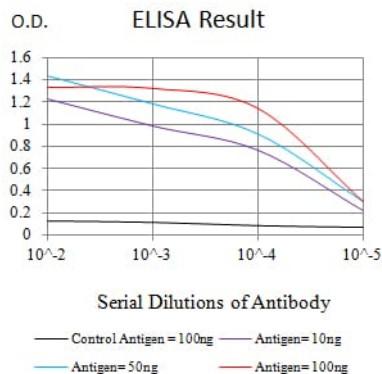
Background

This gene encodes the pro- $\alpha 1$ 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

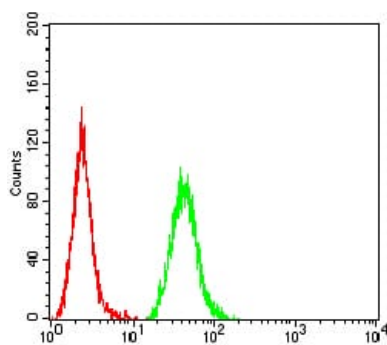
from the use of alternate polyadenylation signals, have been identified for this gene.

Research Area

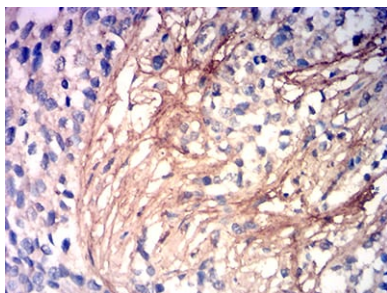
Image Data



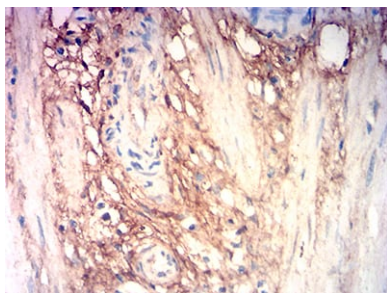
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of Hela cells using COL3A1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using COL3A1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using COL3A1 mouse mAb with DAB staining.