

Collagen Type I antibody

Product Information

Catalog No.:	FNab09910
Size:	100µg
Form:	liquid
Purification:	protein A+G purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	3D7
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This gene encodes the pro- α 2 chain of type I collagen whose triple helix comprises two α 1 chains and one α 2 chain. Type I is a fibril-forming collagen found in most connective tissues and is abundant in bone, cornea, dermis and tendon. Mutations in this gene are associated with osteogenesis imperfecta types I-IV, Ehlers-Danlos syndrome type VIIB, recessive Ehlers-Danlos syndrome Classical type, idiopathic osteoporosis, and atypical Marfan syndrome. Symptoms associated with mutations in this gene, however, tend to be less severe than mutations in the gene for the α 1 chain of type I collagen (COL1A1) reflecting the different role of α 2 chains in matrix integrity. Three transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene.

Immunogen information

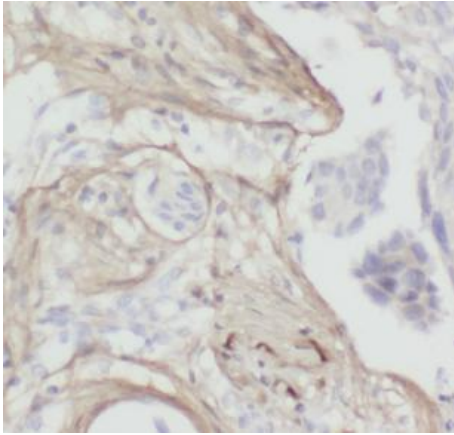
Immunogen:	collagen, type I, alpha 2
Synonyms:	Collagen alpha-2(I) chain Alpha-2 type I collagen COL1A2
Observed MW:	None
Uniprot ID :	P08123

Application

Reactivity:	Human
Tested Application:	ELISA, IHC

Recommended dilution: IHC: 1:200 - 1:1000

Image:



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using FNab09910(COL1A2 Antibody) at dilution of 1:500