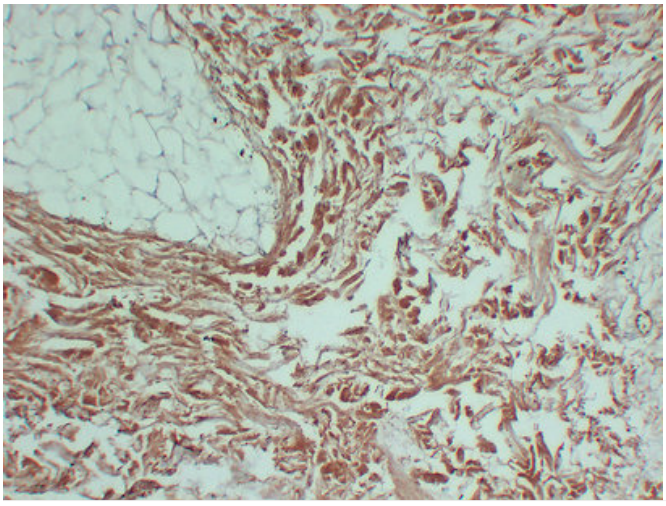
Collagen Type III (PT0118) mouse mAb

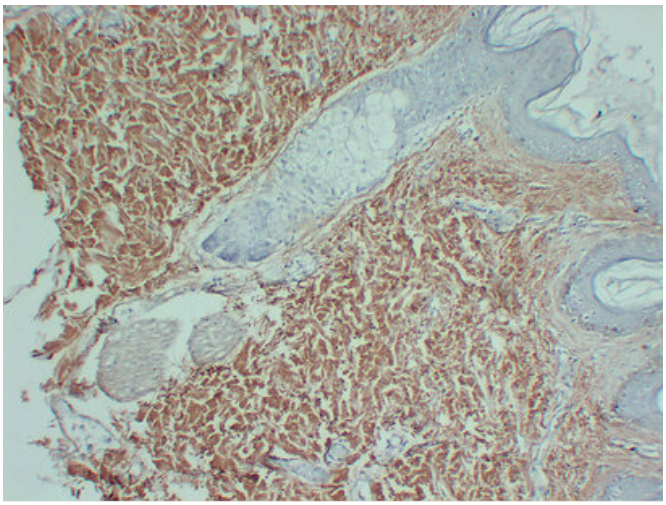
货号	BYab-17959
同位型	IgG
应用	WB;IHC;ELISA
种属	Human
靶点	Collagen III
简介	>>Platelet activation;>>Relaxin signaling pathway;>>AGE-RAGE signaling pathway in diabetic complications;>>Protein digestion and absorption;>>Amoebiasis;>>Diabetic cardiomyopathy
基因名称	COL3A1
蛋白名称	Collagen alpha-1(III) chain
免疫原	Synthesized peptide derived from human Collagen Type III AA range: 100-200
特异性	This antibody detects endogenous levels of human Collagen Type III. Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0/Pepsin was highly recommended as antigen repair method in paraffin se
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Mouse, Monoclonal/IgG1, Kappa
稀释	IHC-p 1:200-400,WB 1:100-2000., ELISA 1:5000-2000
纯化工艺	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
分子量	139kD
背景	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. [provided by R. Dalgleish, Feb 2008],
功能	disease:Defects in COL3A1 are a cause of Ehlers-Danlos syndrome type 3 (EDS3) [MIM:130020]; also known as benign hypermobility syndrome. EDS is a connective tissue disorder characterized by hyperextensible skin, atrophic cutaneous scars due to tissue fragility and joint hyperlaxity. EDS3 is a form of Ehlers-Danlos syndrome characterized by marked joint hyperextensibility without skeletal deformity.,disease:Defects in COL3A1 are a cause of susceptibility to aortic aneurysm abdominal (AAA) [MIM:100070]. AAA is a common multifactorial disorder characterized by permanent dilation of the abdominal aorta, usually due to degenerative changes in the aortic wall. Histologically, AAA is characterized by

	signs of chronic inflammation, destructive remodeling of the extracellular matrix, and depletion of vascular smooth muscle cells.,disease:Defects in COL3A1 are the cause of Ehlers-Danlos syndrome t
细胞定位	Secreted, extracellular space, extracellular matrix .
组织表达	Colon carcinoma,Liver,Placenta,Skin fibroblast,
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded Skin. 1.Antibody was diluted at 1:200(4° overnight).2, Citrate bufferof pH6.0 was used for antigen retrieval. 3,Secondary antibodywas diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Skin. 1.Antibody was diluted at 1:200(4°overnight). 2, Citrate bufferof pH6.0 was used for antigen retrieval. 3,Secondary antibodywas diluted at 1:200(room temperature, 30min).