Product Datasheet

COL1A1/Collagen &#8544 Rabbit mAb

Catalog No: #48905

Package Size: #48905-1 50ul #48905-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

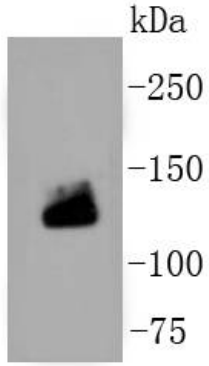
Description

Product Name	COL1A1/Collagen &#8544 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	ST58-04
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Cow
Immunogen Description	recombinant protein
Other Names	Alpha 1 type I collagen antibody Alpha 2 type I collagen antibody alpha 2 type I procollagen antibody alpha 2(I) procollagen antibody alpha 2(I)-collagen antibody Alpha-1 type I collagen antibody alpha1(I) procollagen antibody CO1A1_HUMAN antibody COL1A1 antibody COL1A2 antibody collagen alpha 1 chain type I antibody Collagen alpha-1(I) chain antibody collagen alpha-1(I) chain preproprotein antibody Collagen I alpha 1 polypeptide antibody Collagen I alpha 2 polypeptide antibody collagen of skin, tendon and bone, alpha-1 chain antibody collagen of skin, tendon and bone, alpha-2 chain antibody Collagen type I alpha 1 antibody Collagen type I alpha 2 antibody EDSC antibody OI1 antibody OI2 antibody OI3 antibody OI4 antibody pro-alpha-1 collagen type 1 antibody type I proalpha 1 antibody type I procollagen alpha 1 chain antibody Type I procollagen antibody
Accession No.	Swiss-Prot#:P02452
Uniprot	P02452
GeneID	1277;
Calculated MW	130 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

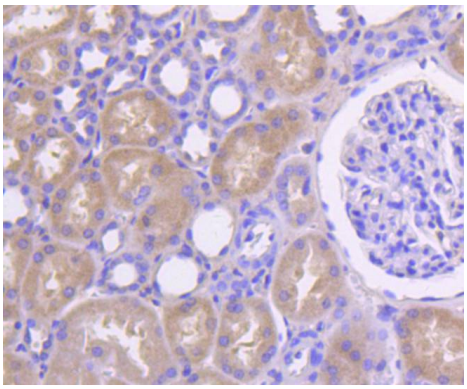
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200

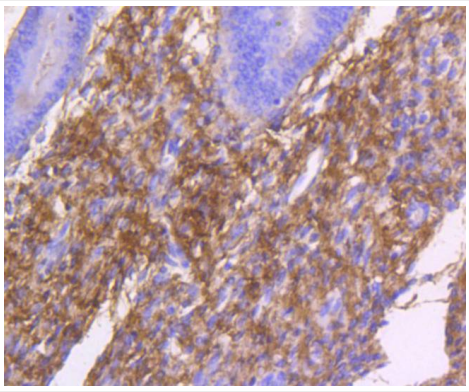
Images



Western blot analysis of COL1A1 on human placenta lysates using anti-COL1A1 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-COL1A1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-COL1A1 antibody. Counter stained with hematoxylin.

Background

The extensive family of COL gene products (collagens) is composed of several chain types, including fibril-forming interstitial collagens (types I, II, III and V) and basement membrane collagens (type IV), each type containing multiple isoforms. Collagens are fibrous, extracellular matrix proteins with high tensile strength and are the major components of connective tissue, such as tendons and cartilage. All collagens contain a triple helix domain and frequently show lateral self-association in order to form complex connective tissues. Several collagens also play a role in cell adhesion, important for maintaining normal tissue architecture and function.

References

Note: This product is for in vitro research use only