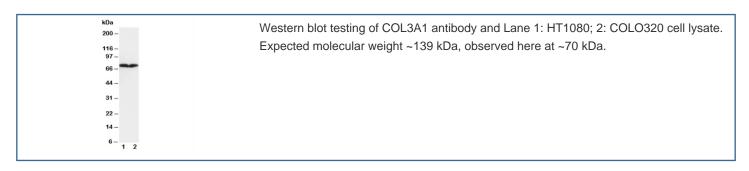


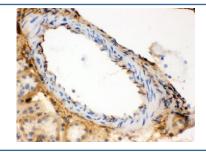
# COL3A1 Antibody / Collagen III [clone Col-29] (R30026)

Catalog No.	Formulation	Size
R30026	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Ascites
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	Col-29
Purity	Ascites
Gene ID	1281
Applications	Western Blot : 0.25-0.5ug/ml IHC (Frozen) : 0.5-1ug/ml-formalin/acetone fixed tissues
Limitations	This COL3A1 antibody is available for research use only.





IHC testing of frozen mouse kidney tissue with COL3A1 antibody.

# **Description**

Collagen type III, also known as COL3A1, is assigned to chromosome 2. Ultrastructural analysis of tissues from mutant mice revealed that type III collagen is essential for normal collagen I fibrillogenesis in the cardiovascular system and other organs. Type III collagen is crucial for collagen I fibrillogenesis and for normal cardiovascular development.

## **Application Notes**

The stated application concentrations are suggested starting amounts. Titration of the COL3A1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

#### **Immunogen**

Human collagen type III was used as the immunogen for this COL3A1 antibody.

### **Storage**

After reconstitution, the COL3A1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.