10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Collagen I mouse Monoclonal Antibody(4H10)

Catalog # AP63850

Specification

Collagen I mouse Monoclonal Antibody(4H10) - Product Information

Application	**IHC-P, IF**
Primary Accession	P02452
Reactivity	**Human, Mouse, Rat**
Host	**Mouse**
Clonality	**Monoclonal**

Collagen I mouse Monoclonal Antibody(4H10) - Additional Information

Gene ID 1277

Other Names
Collagen alpha-1(I) chain (Alpha-1 type I collagen)

Dilution
IHC-P~~N/A
IF~~IF: 1:50-200 IHC-p 1:50-300

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

Collagen I mouse Monoclonal Antibody(4H10) - Protein Information

Name COL1A1

Function
Type I collagen is a member of group I collagen (fibrillar forming collagen).

Cellular Location
Secreted, extracellular space, extracellular matrix {ECO:0000255|PROSITE-ProRule:PRU00793}

Tissue Location
Forms the fibrils of tendon, ligaments and bones. In bones the fibrils are mineralized with calcium hydroxyapatite

Collagen I mouse Monoclonal Antibody(4H10) - Protocols

Provided below are standard protocols that you may find useful for product applications.

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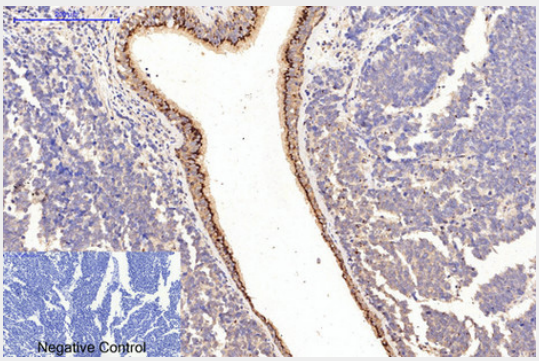
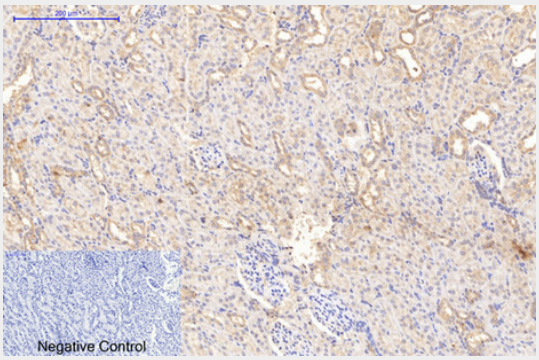
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

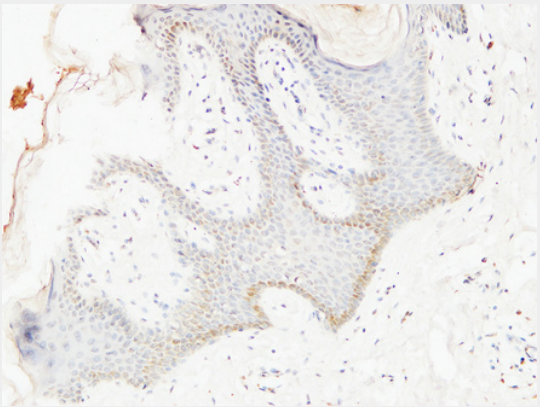
Collagen I mouse Monoclonal Antibody(4H10) - Images



Immunohistochemical analysis of paraffin-embedded Human-lung-cancer tissue. 1,Collagen I Mouse Monoclonal Antibody(4H10) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1,Collagen I Mouse Monoclonal Antibody(4H10) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



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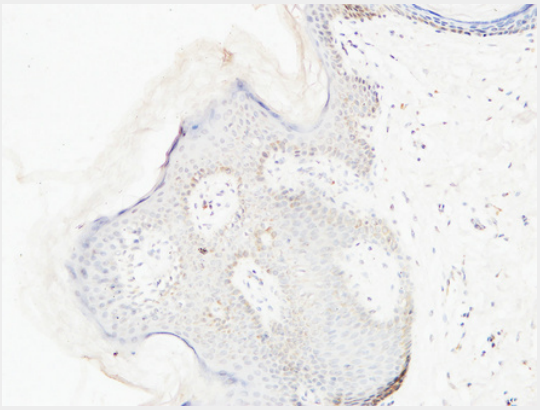
Immunohistochemical analysis of paraffin-embedded Human skin. 1, Antibody was diluted at 1:200(4°,overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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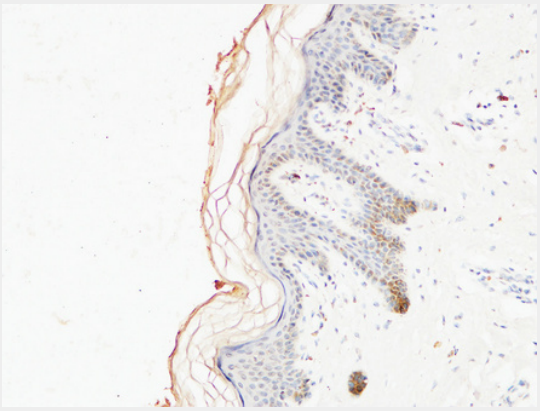

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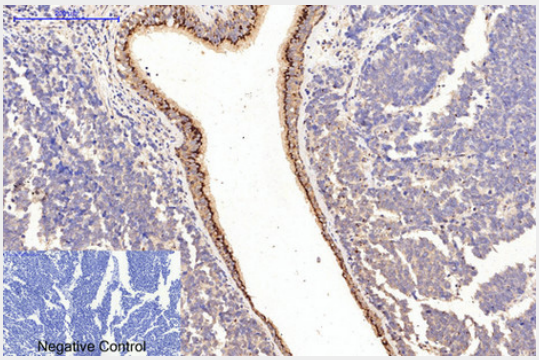

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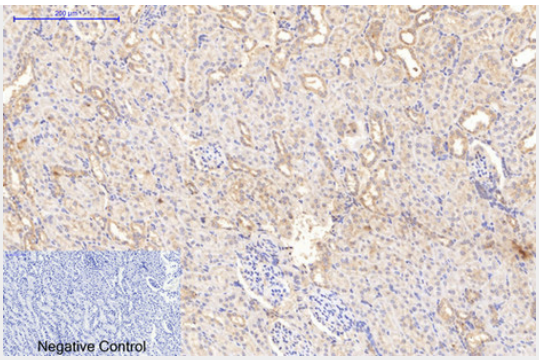

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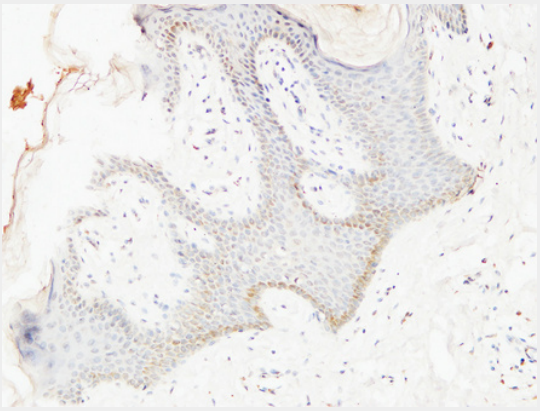

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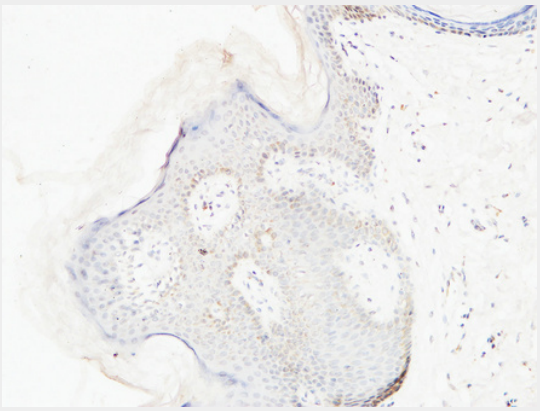

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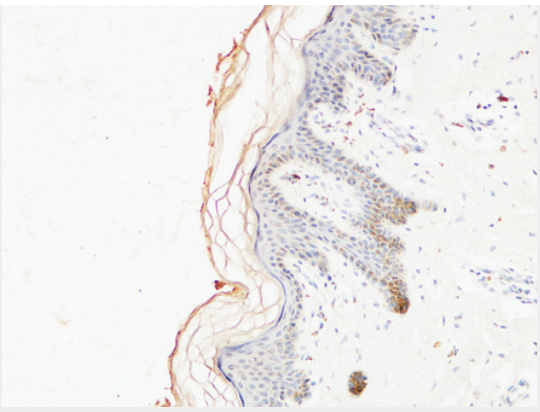

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Collagen I mouse Monoclonal Antibody(4H10) - Background

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