

Collagen IV Mouse Monoclonal Antibody(8E5)

Catalog No.: RA10214

Basic Information

Information

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|----------------------------|--|
| Reactivity | H,M,R |
| Immunogen | Synthetic Peptide |
| Host | Mouse |
| Isotype | IgG1 |
| Storage Buffer & Condition | 1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol. |
| Observed MW | 161KD |

Applications

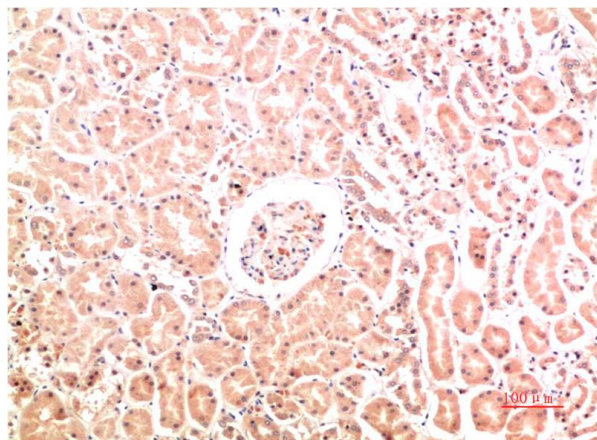
Recommended Dilution

| | |
|-----|-----------|
| IHC | 1:100-200 |
|-----|-----------|

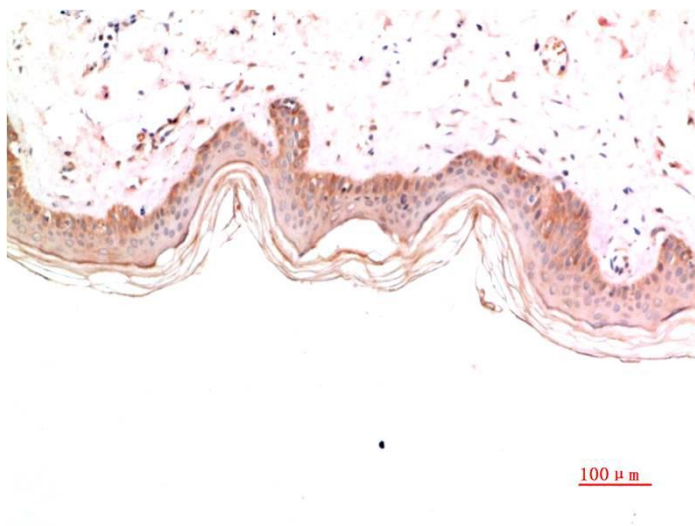
Preparation & Storage

| | |
|----------|--|
| Storage | Store at -20°C. Stable for one year from the date of shipment. |
| Shipping | Bule Ice |

Experimental Data



Immunohistochemical analysis of paraffin-embedded Human Kidney Tissue using Collagen IV Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Skin Tissue using Collagen IV Mouse mAb diluted at 1:200.

Background

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.