

# Collagen IV Mouse Monoclonal Antibody(5C9)

Catalog No.: RA10229

## Basic Information

### Information

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

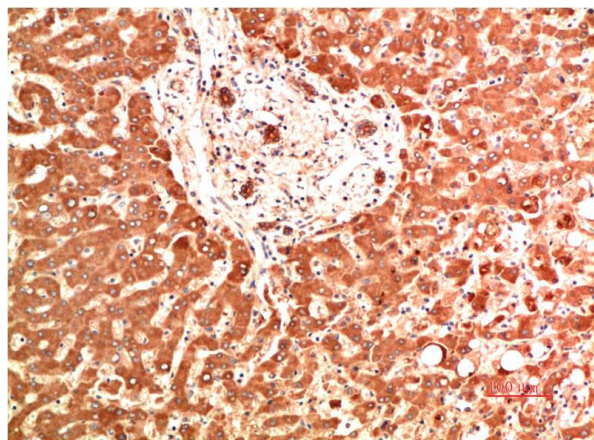
### Recommended Dilution

IHC	1:100-200
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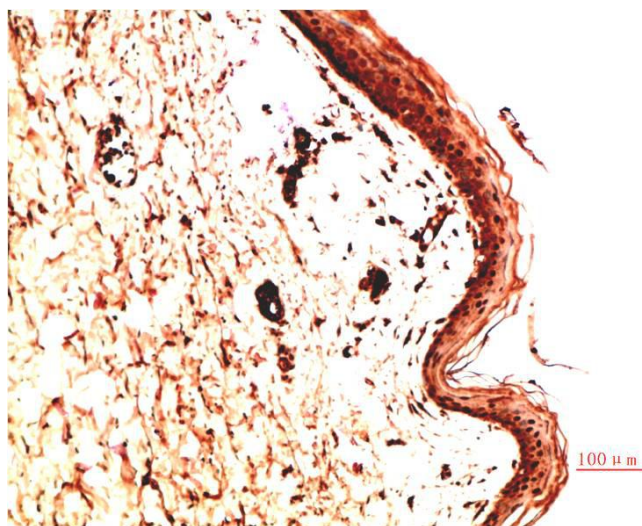
### Preparation & Storage

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 Liver Carcinoma Tissue using Collagen IV Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Skin Carcinoma 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.