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**Product Name: Collagen IV alpha 1 (2G3) Mouse Monoclonal Antibody****Catalog #: AMM00777**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	IHC 1:50-1:100
<b>Molecular Weight</b>	-

**Antigen Information**

<b>Gene Name</b>	COL4A1
<b>Alternative Names</b>	Collagen alpha-1(IV) chain [Cleaved into: Arresten]
<b>Gene ID</b>	1282
<b>SwissProt ID</b>	P02462
<b>Immunogen</b>	A synthetic peptide of human Collagen IV

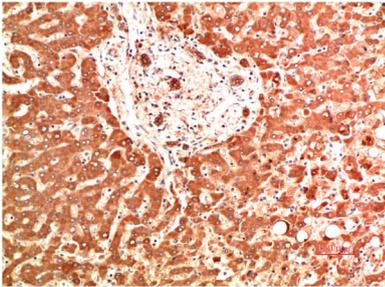
**Background**

Type IV collagen is the major structural component of glomerular basement membranes (GBM), forming a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin/nidogen.

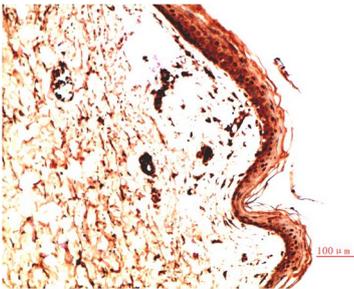
## Research Area

Signal Transduction

## Image Data



Immunohistochemistry analysis of paraffin-embedded Human Liver Carcinoma Tissue using Collagen IV alpha 1 (2G3) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using Collagen IV alpha 1 (2G3) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.