

## 44-1021: Anti-Collagen Type IV Monoclonal Antibody (Clone:IHC549)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IHC549
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	COL4A4
<b>Gene ID :</b>	1286
<b>Uniprot ID :</b>	P53420
<b>Format :</b>	Purified
<b>Alternative Name :</b>	COL4A4
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Human Placenta

### Description

Collagen Type IV is a primary component in the basal lamina that is used as a marker to observe the presence of the lamina and examine its structure. In addition to the epithelial basal lamina, Anti-Collagen Type IV stains mesenchymal components. It is useful for identifying soft tissue cancers including schwannomas and leiomyomas. Anti-Collagen Type IV frequently reacts with these tissues after becoming well-differentiated and malignant. The use of Anti-Collagen Type IV produces more reliable results than non-specific silver reticulum stains when investigating the vascular elements of neoplasms, hemangiopericytoma, angiosarcoma and epithelioid hemangioendothelioma.

### Product Info

<b>Amount :</b>	0.1 ml / 0.5 ml
<b>Purification :</b>	Protein A/G Chromatography
<b>Content :</b>	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
<b>Storage condition :</b>	Store at 2°C - 8°C. Do not freeze.

### Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

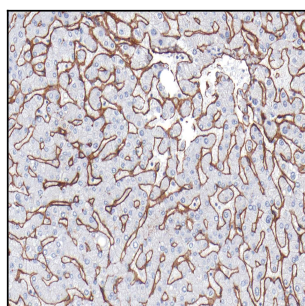


Figure 1: Immunohistochemical analysis of Collagen Type IV (Clone: IHC549) on Liver