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

Clonality: Monoclonal **Clone Name:** IHC549 Application: IHC Reactivity: Human Gene: COL4A4 Gene ID: 1286 **Uniprot ID:** P53420 Format: **Purified Alternative Name:** COL4A4

**Isotype:** Mouse IgG1, kappa **Immunogen Information:** 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**

**Amount:** 0.1 ml / 0.5 ml

**Purification:** Protein A/G Chromatography

Content: Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide

**Storage condition :** 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