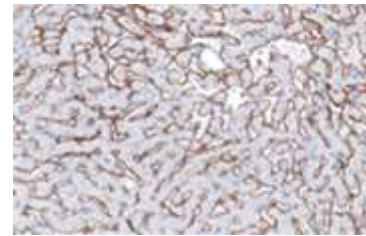


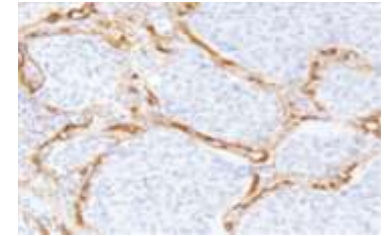
Anti-Collagen Type IV Antibody (IHC549)

CATALOG NO:	A1495-50
ALTERNATIVE NAMES:	Collagen alpha-1(IV) chain, ColIV or Col4, Alpha-1 type-IV collagen
AMOUNT:	50 µl
IMMUNOGEN:	Collagen Type IV
HOST/ISOTYPE:	IgG1, kappa light chain
CLONALITY:	Monoclonal
CLONE:	IHC549
MOL WEIGHT:	161 kDa
SPECIES REACTIVITY:	Human
PURIFICATION:	Protein A/G purification
FORM:	Liquid
FORMULATION:	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at 4°C. Do not freeze.
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 leiomyoma. 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.
APPLICATION:	IHC: 1:100 - 1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Formalin-fixed, paraffin-embedded Liver stained with Collagen Type IV Antibody (IHC549)



Formalin-fixed, paraffin-embedded Lung stained with Collagen Type IV Antibody (IHC549)

RELATED PRODUCTS:

- EZCell™ Cell Invasion Assay (Collagen IV), 24-well, 8 µm (**Cat. No. K919**)
- EZCell™ Cell Invasion Assay (Collagen IV), 96-well, 8 µm (**Cat. No. K918**)
- Anti-Collagen-I Antibody (**Cat. No. A1121**)
- Collagenase Activity Colorimetric Assay Kit (**Cat. No. K792**)
- Human CellExp™ Collagen II / COL2A1, Human recombinant (**Cat. No. P1056**)
- MMP-9 Inhibitor Screening Kit (Fluorometric) (**Cat. No. K844**)
- Total Collagen Assay Kit (Perchlorate-Free) (**Cat. No. K406**)
- Total Collagen Assay Kit (Colorimetric) (**Cat. No. K218**)
- Collagen-III, human recombinant (**Cat. No. 4797**)
- Collagenase Inhibitor Screening Kit (Fluorometric) (**Cat. No. K833**)
- EZCell™ Cell Invasion Assay (Collagen I), 96-well, 8 µm (**Cat. No. K916**)

FOR RESEARCH USE ONLY! Not to be used on humans.