

Collagen Type IV Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150190
Company: HaoKebio

Uniprot ID: P02462

Organism:Rabbit

Species reactivity:Human

Predicted Molecular Weight:161 kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

Background:

Collagen Type IV is a major component of the basement membrane and is closely associated with cell adhesion, migration, differentiation, and growth. Collagen Type IV is expressed in various tissues, including the kidneys, muscles, lymph nodes, lungs, tendons, and spleen. It can be used to distinguish invasive carcinoma from carcinoma in situ in breast cancer and has also been reported in studies of benign and malignant tissues such as pancreatic cancer, pancreatitis, kidney diseases, oral squamous cell carcinoma, laryngeal cancer, ovarian cancer, and endometrial cancer.

Protein full name:

Collagen Type IV

Synonyms:

IV-Col

Immunogen:

Native Collagen Type IV protein was used as the immunogen.

Isotype:

IgG

Subcellular location:

Extracellular matrix

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

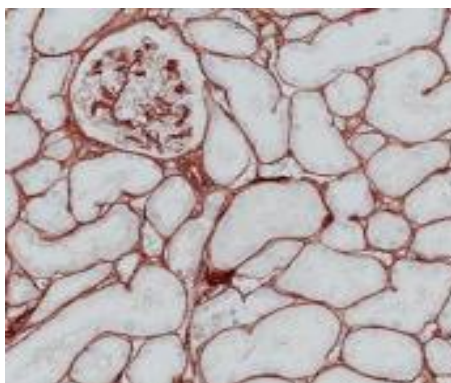
59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C – 25 °C) for 30 minutes.

Images:


Immunohistochemical results of Collagen Type IV in liver tissue (formalin-fixed, paraffin-embedded sections) labeled with HKZ150190. Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

Source of Reagents:

1. Smrkolj S et al. Eur J Gynaecol Oncol. 2010; 31(4):380-5.
2. Khoshnoodi J et al. Microsc Res Tech. 2008 May;71(5):357-70.

Source of Reagents:

发表[中文论文]请标注:Collagen Type IV (HKZ150190) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Collagen Type IV (HKZ150190) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

