Collagen IV Recombinant antibody

Cat:B32061R

Company：Haokebio

Uniprot ID:P02462

Organism: Rabbit

Species reactivity: Human

Applications: IHC:1:100-1:200

IHC-Polymer:1:400-1:800

TSA:1:500-1:1000

Background:

Type IV collagen is the main component of the basement membrane and is closely associated with cell adhesion, migration, differentiation, and proliferation. It is expressed in various tissues, including kidneys, muscles, lymph nodes, lungs, tendons, and spleens.Type IV collagen can be used to distinguish between invasive carcinoma and carcinoma in situ (CIS) in breast cancer. Additionally, its role in distinguishing benign from malignant conditions has also been reported in other tissues, such as pancreatic cancer, pancreatitis, kidney diseases, oral squamous cell carcinoma (OSCC), laryngeal cancer, ovarian cancer, and endometrial cancer.

Protein full name:

collagen, type IV, alpha 4

Synonyms:

COL4, Collagen Type IV, COL4A 4, collagen, type IV, alpha 4

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

intercellular substance

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

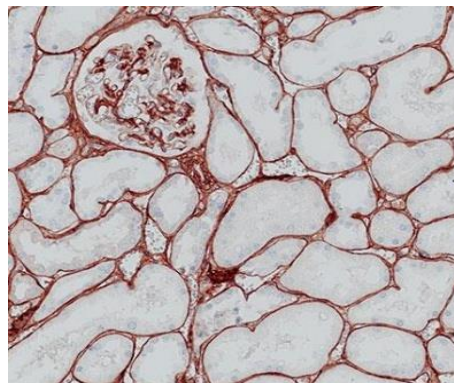PBS with 0.02%sodium azide,100 μg/ml BSA and 50% glycerol.

Storage:

Store at -20 ℃ for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes.Incubate antibody, 4℃ overnight.Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:

Sample: Human liver tissue,4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Collagen IV(B32061R)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 IV(B32061R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.