

Collagen Type IV Monoclonal Antibody

ORDERING INFORMATION

Catalog No.	Clone No.	Size
34056	G549.1	100ul

Format: Purified antibody in Tris buffer, pH 7.3-7.7, 1% BSA, <0.1% sodium azide.

BACKGROUND

Type IV collagen is the main collagen component of the basement membrane. It is a network-forming collagen that underlies epithelial and endothelial cells and functions as a barrier between tissue compartments. Each type IV collagen molecule is a heterotrimer composed of three α chains. Type IV collagen triple helices form open, nonfibrillar networks that associate with laminin assemblies.

DESCRIPTION

Antigen: Recombinant human Collagen Type IV.

Accession No.: P02462

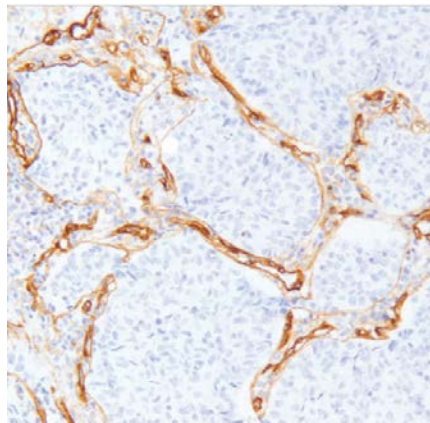
Host: Mouse

Antibody Subtype: IgG1

Specificity: Human Collagen Type IV. Reactivity with other species has not been investigated.

APPLICATIONS

Immunohistochemistry: use at a dilution of 1:100-1:200 on formalin-fixed, paraffin-embedded samples after heat-induced epitope retrieval at pH 9 for 10-30 minutes.



Detection of Collagen Type IV in human lung with #34056 diluted 1:100-1:200.

STORAGE AND STABILITY

Store at 2-8°C. Do not freeze.

For in vitro investigational use only. Not for use in diagnostic or therapeutic applications.