

# Collagen Type IV Antibody

Catalog No: #P1017

Package Size: #P1017-1 0.1ml #P1017-2 1ml

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## Description

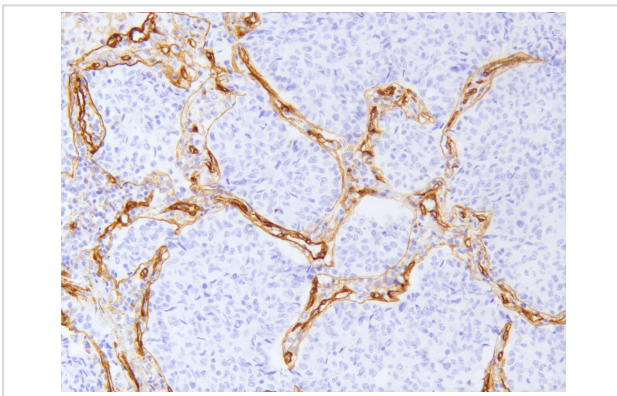
Product Name	Collagen Type IV Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	IHC549
Applications	IHC
Species Reactivity	Human
Formulation	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and
Storage	Store at 2-8C. Do not freeze.

## Application Details

Recommended

working dilution range:1:100 - 1:200

## Images



Collagen Type IV Antibody (P1017) on Lung

## Product 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.

## References

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- McArdle JP, et al. *Int J Cancer.* 1984; 34:633-8.
- Sakr WA, et al. *Hum Pathol.* 1987; 18:1043-50.

Barsky SH, et al. Am J Surg Pathol. 1983; 7:667-77.  
De Iorio P, et al. Anticancer Res. 2001; 21:1395-9.  
Maatta M, et al. J Histochem Cytochem. 2001; 49:711-26.  
Schmehl K, et al. Int J Colorectal Dis. 2000; 15:39-48.  
Felix A, et al. Hum Pathol. 1999; 30:964-9.  
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Note: This product is for in vitro research use only