

Collagen Type IV
Mouse Monoclonal antibody(Mab)
Catalog # AD80286**Specification**

Collagen Type IV - Product info

Application	IHC-P
Primary Accession	P02462
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	160611

Collagen Type IV - Additional info

Gene ID	1282
Gene Name	COL4A1
Other Names	
Collagen alpha-1(IV) chain, Arresten, COL4A1 (HGNC:2202)	

Dilution

IHC-P~~Ready-to-use

Storage

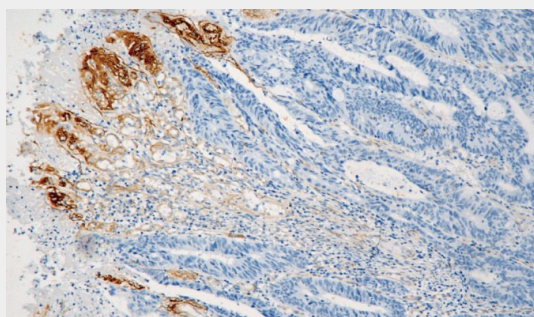
Maintain refrigerated at 2-8°C

Precautions**Collagen Type IV Antibody is for research use only and not for use in diagnostic or therapeutic procedures.****Collagen Type IV - Protein Information****Name** COL4A1 ([HGNC:2202](#))**Function****Type IV collagen is the major structural component of glomerular basement membranes (GBM), forming a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin/nidogen.****Cellular Location****Secreted, extracellular space, extracellular matrix, basement membrane {ECO:0000250|UniProtKB:P02463}****Tissue Location****Highly expressed in placenta.****Collagen Type IV - Protocols**

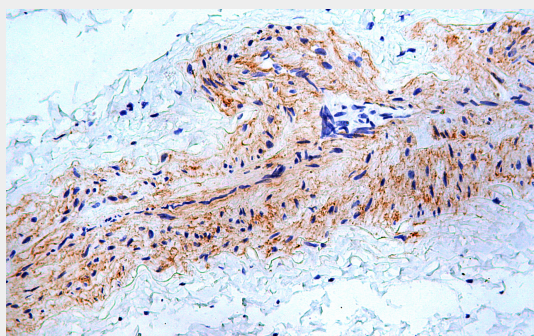
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Collagen Type IV - Images



Colon cancer



Immunohistochemical analysis of paraffin-embedded human lung tissue using AD80286 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.