

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

Collagen Type IV - Product info

| | |
|-------------------|------------------------|
| Application | IHC-P, IHC |
| 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
IHC~~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

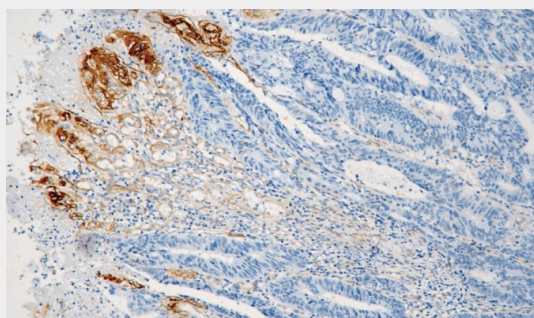
Highly expressed in placenta.

Collagen Type IV - Protocols

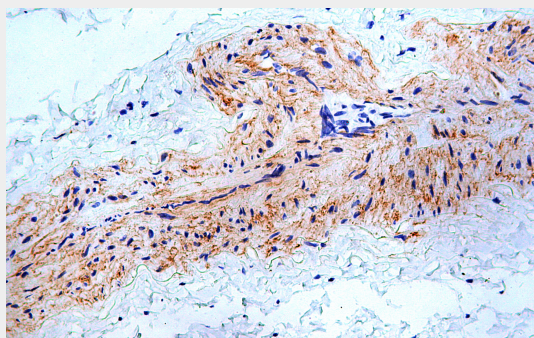
Provided below are standard protocols that you may find useful for product applications.

- [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.