

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 (<a

href="http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=2202"

target="_blank">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.

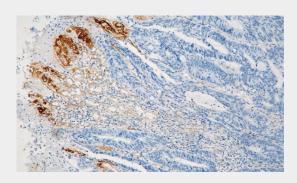
Collagen Type IV - Protocols



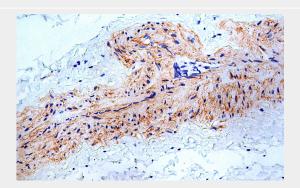
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- 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. AmpSeeTM Detection Systems Abcepta: AR005 was used as the secondary antibody.