

Collagen IV α 5 Antibody

Catalog No: #34204

Package Size: #34204-1 50ul #34204-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

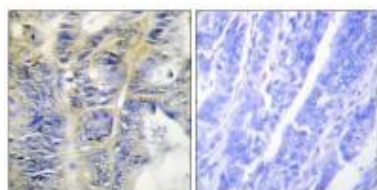
Product Name	Collagen IV α 5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total Collagen IV α 5 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Collagen IV α 5.
Target Name	Collagen IV α 5
Other Names	Collagen alpha-5(IV) chain ; CO4A5;
Accession No.	Swiss-Prot: P29400NCBI Gene ID: 1287
Uniprot	P29400
GeneID	1287;
SDS-PAGE MW	161kd
Concentration	1.0mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C

Application Details

IHC 1:100-1:300

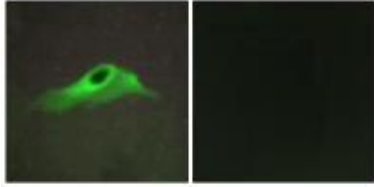
IF 1:200-1:1000

Images



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Collagen IV α 5 antibody #34204.

Immunofluorescence analysis of HeLa cells, using Collagen IV α 5 antibody #34204.



Background

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.

Zhou J., J. Biol. Chem. 269:6608-6614(1994).

Guo C., Kidney Int. 44:1316-1321(1993).

Nakazato H., Kidney Int. 46:1307-1314(1994).

Note: This product is for in vitro research use only