

Collagen XVIII α 1 Antibody

Catalog No: #34216

Package Size: #34216-1 50ul #34216-2 100ul

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

Description

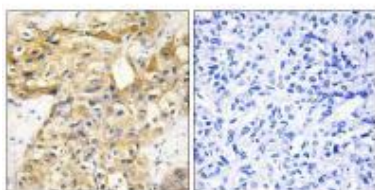
Product Name	Collagen XVIII α 1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total Collagen XVIII α 1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Collagen XVIII α 1.
Target Name	Collagen XVIII α 1
Other Names	Collagen alpha-1(XVIII) chain; Endostatin; COIA1;
Accession No.	Swiss-Prot: P39060NCBI Gene ID: 80781
Uniprot	P39060
GeneID	80781;
SDS-PAGE MW	178kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:50~1:100

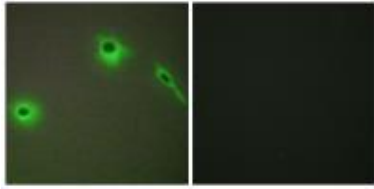
Immunofluorescence: 1:100~1:500

Images



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using Collagen XVIII α 1 antibody #34216.

Immunofluorescence analysis of A549 cells, using Collagen XVIII α 1 antibody #34216.



Background

COLA18A probably plays a major role in determining the retinal structure as well as in the closure of the neural tube. Endostatin potently inhibits endothelial cell proliferation and angiogenesis. May inhibit angiogenesis by binding to the heparan sulfate proteoglycans involved in growth factor signaling.

Saarela J., Matrix Biol. 16:319-328(1998).

Elamaa H., Matrix Biol. 22:427-442(2003).

Hattori M, Nature 405:311-319(2000).

Note: This product is for in vitro research use only