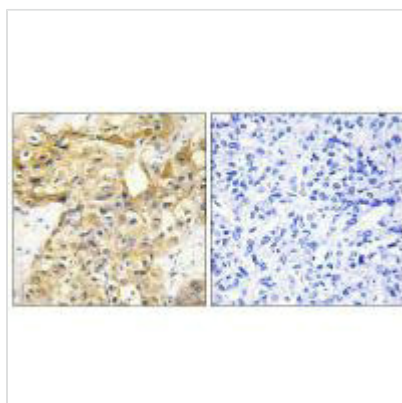




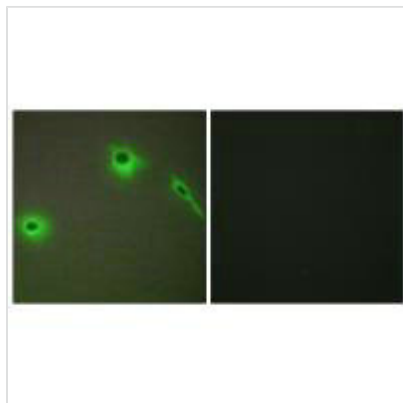
COL18A1 Antibody

Product Code	CSB-PA057835
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P39060
Immunogen	Synthesized peptide derived from internal of Human Collagen XVIII α 1.
Raised In	Rabbit
Species Reactivity	Human, Mouse
Specificity	The antibody detects endogenous levels of total Collagen XVIII α 1 protein.
Tested Applications	ELISA, IHC, IF; IHC:1:50-1:100, IF:1:100-1:500
Relevance	COLA18A probably plays a major role in determining the retinal structure as well as in the closure of the neural tube. Endostatin potentially 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). Elamäa H., Matrix Biol. 22:427-442(2003). Hattori M., Nature 405:311-319(2000).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	Collagen alpha-1(XVIII) chain; Endostatin; COIA1;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	COL18A1

Image



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



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