

## COL18A1 antibody

### Product Information

Catalog No.:	FNab02762
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Endostatin is a naturally-occurring 20-kDa C-terminal fragment derived from COL18A1(also named as KNO). It is reported to serve as an anti-angiogenic agent, similar to angiostatin and thrombospondin. It potently inhibits endothelial cell proliferation and inhibits endothelial cell angiogenesis by binding to the heparan sulfate proteoglycans involved in growth factor signaling. Endostatin is a broad spectrum angiogenesis inhibitor and may interfere with the pro-angiogenic action of growth factors such as basic fibroblast growth factor(bFGF/FGF-2) and vascular endothelial growth factor(VEGF).

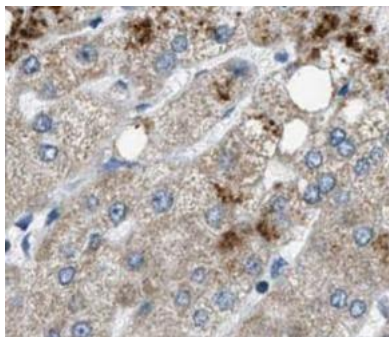
### Immunogen information

Immunogen:	collagen, type XVIII, alpha 1
Synonyms:	Collagen alpha-1(XVIII) chain Endostatin Non-collagenous domain 1 (NC1) COL18A1
Observed MW:	19 kDa, 27 kDa
Uniprot ID :	P39060

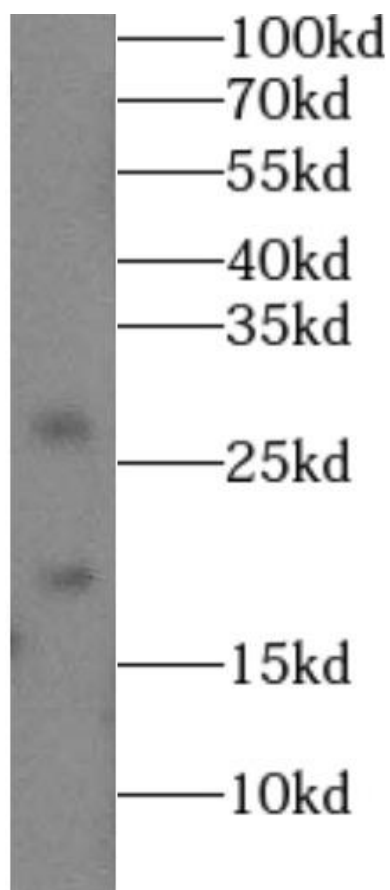
### Application

Reactivity:	Human
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:200-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human liver using FNab02762(Endostatin, COL18A1 antibody) at dilution of 1:50



human liver tissue were subjected to SDS PAGE followed by western blot with FNab02762(Endostatin, COL18A1 antibody) at dilution of 1:500