

anti- Collagen Type IV antibody

Product Information

Catalog No.:	FNab01844
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
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

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. Canstatin, a cleavage product corresponding to the collagen alpha 2(IV) NC1 domain, possesses both anti-angiogenic and anti-tumor cell activity. It inhibits proliferation and migration of endothelial cells, reduces mitochondrial membrane potential, and induces apoptosis. Specifically induces Fas-dependent apoptosis and activates procaspase-8 and-9 activity. Ligand for alpha5beta3 and alpha5beta5 integrins.

Immunogen information

Immunogen:	collagen, type IV, alpha 2
Synonyms:	COL4A2, Collagen alpha 2(IV) chain, Collagen Type IV, collagen, type IV, alpha 2, DKFZp686I14213, FLJ22259
Observed MW:	200 kDa
Uniprot ID :	P08572

Application

Reactivity:	Human, Mouse, Rat
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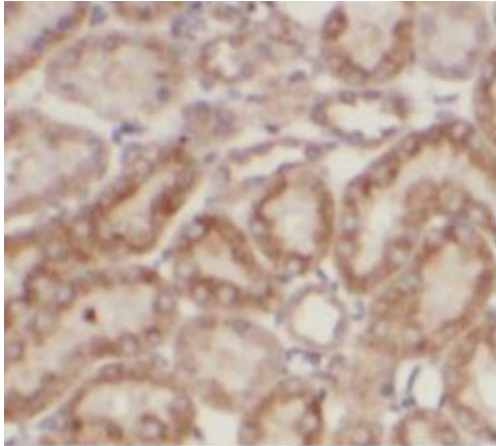
Wuhan Fine Biotech Co., Ltd.

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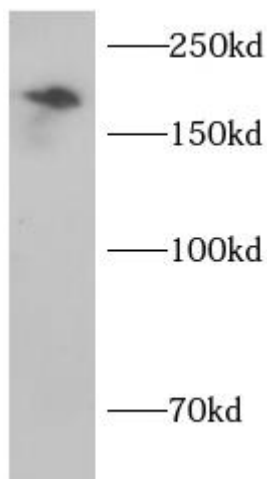
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:200-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human kidney tissue slide using FNab01844(Collagen Type IV antibody) at dilution of 1:50



NIH/3T3 were subjected to SDS PAGE followed by western blot with FNab01844(Collagen Type IV Antibody) at dilution of 1:1000

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