

Collagen 4 alpha 2 polyclonal antibody

Catalog: BS67488

Host: Rabbit

Reactivity: Human, Mouse

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 α 3 β 1 and α 5 β 1 integrins.

Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 190 kDa

Swiss-Prot:

P08572

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

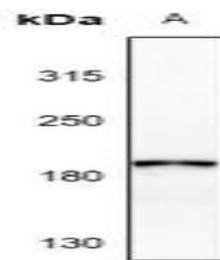
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of Collagen 4 alpha 2 protein.

DATA:



Western blot analysis of Collagen 4 alpha 2 expression in mouse pancreas (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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