



COL4A1 Antibody, Biotin conjugated

Product Code	CSB-PA11469D0Rb
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P02462
Immunogen	Recombinant Human Collagen alpha-1(IV) chain protein (30-167AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA
Relevance	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. Arresten, comprising the C-terminal NC1 domain, inhibits angiogenesis and tumor formation. The C-terminal half is found to possess the anti-angiogenic activity. Specifically inhibits endothelial cell proliferation, migration and tube formation. Inhibits expression of hypoxia-inducible factor 1alpha and ERK1/2 and p38 MAPK activation. Ligand for alpha1/beta1 integrin.
Form	Liquid
Conjugate	Biotin
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Collagen alpha-1(IV) chain [Cleaved into: Arresten], COL4A1
Species	Homo sapiens (Human)
Research Area	Others
Target Names	COL4A1