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## anti-COL4a2 antibody (N-Term)





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Overview		
Quantity:	400 μL	
Target:	COL4a2 (COL4A2)	
Binding Specificity:	AA 156-186, N-Term	
Reactivity:	Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This COL4a2 antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS)	
Product Details		
Immunogen:	This COL4A2 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 156-186 amino acids from the N-terminal region of human COL4A2.	
Clone:	RB18892	
Isotype:	lg Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	COL4a2 (COL4A2)	
Alternative Name:	COL4A2 (COL4A2 Products)	
Background:	This gene encodes one of the six subunits of type IV collagen, the major structural component	

#### **Target Details**

of basement membranes. The C-terminal portion of the protein, known as canstatin, is an
inhibitor of angiogenesis and tumor growth. Like the other members of the type IV collagen
gene family, this gene is organized in a head-to-head conformation with another type IV
collagen gene so that each gene pair shares a common promoter.
167553

Molecular Weight: 167553

Gene ID: 1284

NCBI Accession: NP\_001837

UniProt: P08572

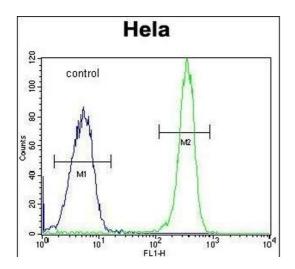
## **Application Details**

Application Notes:	WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

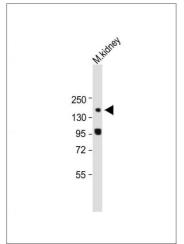
## Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	



#### **Flow Cytometry**

**Image 1.** COL4A2 Antibody (N-term) (ABIN655401 and ABIN2844947) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



#### **Western Blotting**

**Image 2.** Anti-COL4A2 Antibody (N-term) at 1:1000 dilution + Mouse kidney whole tissue lysate Lysates/proteins at 20  $\mu$  g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 168 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.