



GOAT ANTI-TYPE IV COLLAGEN POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB769	QUANTITY:	200 µg
LOT NUMBER:		CONCENTRATION:	XX mg/mL
SPECIFICITY:	Reacts with conformational determinants on human type IV collagen. May react with type IV collagen from other species. Less than 10% cross reactivity with collagen types I, II, III, V, and VI. AB769 has not been tested with other extracellular matrix proteins (e.g. laminin, fibronectin).		
APPLICATIONS:	<u>*Dot and slot blotting:</u> 1:100-1:500 <u>*Immunohistochemistry:</u> Frozen sections at 1:10-1:40 <u>Immunocytochemistry:</u> 1:10-1:20 <u>ELISA:</u> 1:1000-1:4000 <i>Optimal working dilutions must be determined by end user.</i> * Please note that harsh chemicals or procedures involving heat may denature collagen epitopes. We recommend avoiding such actions when using this antibody.		
SPECIES REACTIVITY:	Human and bovine. Reactivity with other species has not been determined.		
SOURCE:	Pooled antisera from goats immunized with human type IV collagen		
PRESENTATION:	Affinity purified on bovine and human type IV collagen linked to agarose and cross adsorbed on collagen types I, II, III, V, and VI. Liquid in 100 mM borate buffered saline, pH 8.0 with no preservatives.		
STORAGE:	Maintain at 2-8°C for up to 12 months from date of receipt.		
REFERENCES:	Marneros, A. G. et al. (2004). Coolagen XVIII/endostatin is essential for vision and retinal pigment epithelial function. <i>EMBO J.</i> 23: 89-99. Myers, J. C. et al. (1999). <i>Experimental Cancer Research</i> 253: 587-598.		

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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