

COL4A5

Rabbit Anti-Human COL4A5/Collagen IV pAb

Catalog No.	PS044	Quantity:	1 ml
Alternate Names:	ASLN, ATS, CA54, collagen IV, alpha-5 polypeptide, collagen of basement membrane, alpha-5 chain, type IV collagen alpha 5		
Description:	<p>The antiserum was subjected to immune-absorption with immobilized human serum proteins to remove non-specific reacting antibodies. The specificity of the antibody was ascertained by competition ELISA. Complete inhibition was found if the antibody was preincubated with collagen type IV. The specificity of the product was furthermore tested by immunohistochemistry on frozen sections of large series of human tissues. Characteristic immunostaining pictures of frozen sections of human kidney, liver, skin and heart were produced to verify the batch quality.</p>		
Gene ID:	1287		
Host:	Rabbit		
Formulation:	Lyophilized		
Purification:	Ammonium sulfate precipitation + DEAE cellulose chromatography + Cross-absorption on immobilized collagen types (absorption: I, II, III, V, human serum)		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute with 1 ml sterile distilled water and add preservative if preferred.		
Cross-Reactivity:	Minimal cross reactions with other collagens were only found if 5-10 times higher concentrations were used of other collagens. No reactions were found with fibronectin, fibrinogen and laminin.		
Applications:	<p>Recommended for use in immunohistochemistry on frozen sections. Suitable for dot-blotting and ELISA on native human collagen IV. Use on paraffin sections is not tested.</p> <p>Antibodies can be diluted at least 1:20 for immunohistochemical procedures if Peroxidase labeled secondary antibodies are applied. If a FITC labeled secondary antibody is used the antibody can be diluted 1:10.</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		

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