

## Rabbit Anti-Human Collagen (types 1, 2, 3, 4, 5) pAb

<b>Catalog No.</b>	PS046	<b>Quantity:</b>	1 ml
<b>Description:</b>	Antibodies to human collagen types I-V are raised in rabbits, numerously immunized with extensively purified native collagen type I, II, III, IV and V. Pooled antisera are passed over DEAE-cellulose to produce IgG-enriched fraction, which is further subject to absorption with immobilized total human serum proteins in order to remove non-specific antibodies. Antisera to specific collagen types were blended to achieve equal reaction to any of the collagen types used. Specificity was ascertained by ELISA and dot-blotting and characteristic immunostaining pictures of frozen sections of human kidney, liver, skin and heart were produced to certify batch quality.		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	Extensively purified native collagen type I, II, III, IV and V		
<b>Isotype:</b>	IgG		
<b>Formulation:</b>	Lyophilized		
<b>Purification:</b>	Ammonium sulfate precipitation + DEAE cellulose chromatography + Cross-absorption with immobilized human serum proteins		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute with sterile distilled water and add preservative if desired.		
<b>Applications:</b>	<p>Recommended for use in immunohistochemistry on frozen sections. Suitable for dot-blotting and ELISA with native and denatured collagens. Use in paraffin sections is not tested.</p> <p>Antibodies can be diluted at least 1:200 for immunohistochemical procedures if Peroxidase labeled secondary antibodies are applied in ELISA.</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		

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