

# Collagen IV Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E.coli-derived human Collagen IV recombinant protein (Position: G1445-T1669).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 5mg BSA
Contains	0.05mg sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2806993

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-

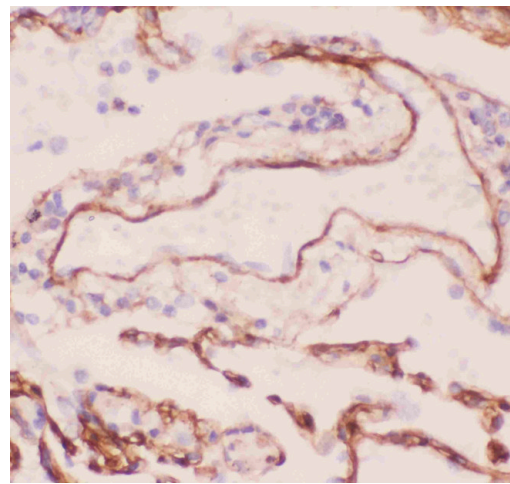
## Product Specific Information

Human Collagen IV shares 97% amino acid (aa) sequence identity with mouse Collagen IV.

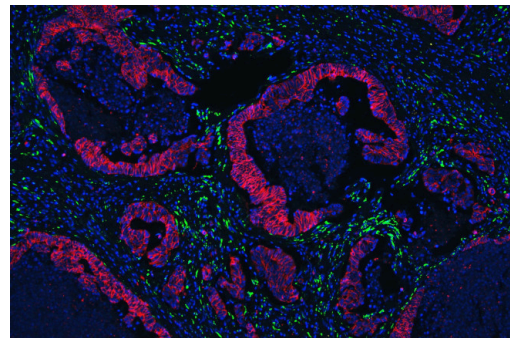
Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.



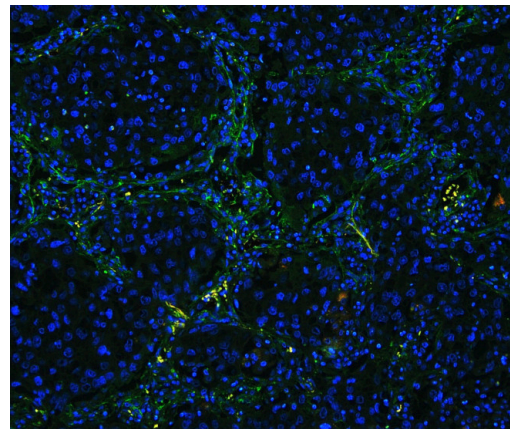
Product Images For Collagen IV Polyclonal Antibody



**Collagen IV Antibody (PA5-95188) in IHC (P)**  
Immunohistochemistry analysis of Collagen IV in paraffin-embedded human lung cancer tissues. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with Collagen IV polyclonal antibody (Product # PA5-95188) at a 1 µg/mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C), and developed with Streptavidin-Biotin-Complex and DAB.



**Collagen IV Antibody (PA5-95188) in IHC**  
Immunofluorescence analysis of Collagen IV in human colon cancer tissues. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with Collagen IV polyclonal antibody (Product # PA5-95188) at a 1 µg/mL dilution, followed by 488 conjugated goat anti-rabbit IgG using a 1:100 dilution and DAPI.



**Collagen IV Antibody (PA5-95188) in IHC**  
Immunofluorescence analysis of Collagen IV in human lung cancer tissues. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with Collagen IV polyclonal antibody (Product # PA5-95188) at a 1 µg/mL dilution, followed by 488 conjugated Avidin using a dilution and DAPI.

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