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# Datasheet for ABIN961130 anti-Collagen IV antibody

3 Images



Overview

Quantity:	25 µg
Target:	Collagen IV (COL4)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Collagen IV antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (IF)

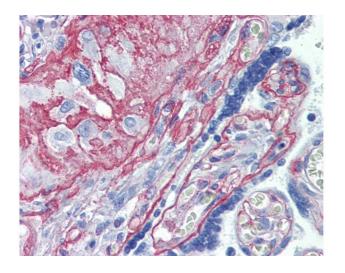
### Product Details

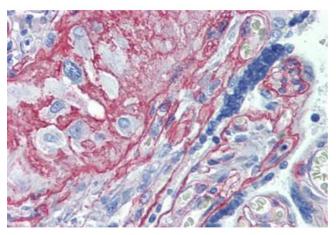
Brand:	IHC-plus™
Immunogen:	Human placental collagen type IV.
	Type of Immunogen: Purified protein
Isotype:	lgG
Specificity:	Human Type IV collagen. Cross-reactivity: Human collagen type I: 1 % Human collagen type II: <0.5 %, Human collagen type III: <0.5 %, Human collagen type IV: 100 %, Human collagen type V: 7 %, Human fibronectin: <0.5 %, Human albumin: <0.5 %, Human immunoglobulin <0.5 %.
Purification:	Affinity purified

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Target Details	
Target:	Collagen IV (COL4)
Alternative Name:	Collagen IV (COL4 Products)
Application Details	
Application Notes:	Approved: ELISA (1:3000), IF, IHC, IHC-Fr, IHC-P (1:100)
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working dilution for LS-B3654 was determined to be 1:100. Suitable for use in ELISA, Indirect immunofluorescence, indirect immunohistochemistry and Dot Blotting (not suitable for Western Blot). ELISA: 1:3000. Indirect immunofluorescent visualization of collagen type IV on cryostat sections of human tissue: 1:20-1:40. Indirect Immunohistochemistry: 1:20-1:40. fresh frozen or acetone fixed specimens. Dot Blotting: 1:300. not recommended for Western Blots.
	Not recommended for: WB
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, mannitol, dextran, no preservatives.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.

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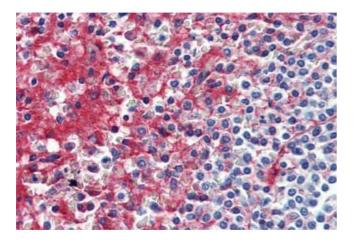


#### Immunohistochemistry

**Image 1.** Anti-Collagen IV antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

#### Immunohistochemistry

**Image 2.** Anti-Collagen IV antibody IHC staining of human placenta. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody ABIN961130 dilution 1:100.



#### Immunohistochemistry

**Image 3.** Anti-Collagen IV antibody IHC staining of human spleen. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody ABIN961130 dilution 1:100.

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