

Mouse anti-Human Collagen IV Monoclonal Antibody

Collagen IV Mouse anti-Human Monoclonal (Concentrated) Antibody

CATALOG # AAA163091	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

Collagen IV; Monoclonal Antibody; Collagen IV Mouse anti-Human Monoclonal (Concentrated) Antibody; PathPlus Collagen IV Antibody (Concentrated); anti-Collagen IV antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Purity/Purification	Protein A/G purified
Form/Format	Tris, pH7.3-7.7, 1% BSA, <0.1% Sodium Azide
Applicable Applications for anti-Collagen IV antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Target	Human Collagen IV
Immunogen	Human placenta.
Conjugation	Concentrated Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C. Do not freeze.

IMAGES


IHC (Immunohistochemistry)

Collagen IV Antibody-Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)


IHC (Immunohistochemistry)

Collagen IV Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)


IHC (Immunohistochemistry)

Collagen IV Antibody-Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-Collagen IV antibody	Collagen IV antibody is an unconjugated mouse monoclonal antibody to human Collagen IV. Validated for ELISA, IHC and WB. Collagen IV is a collagen present in all metazoan phyla. It is found in the basal lamina, where it takes the form of structural sheets in a crosslinked extracellular matrix. The collagen IV alpha-3 subunit (Col4A3) has been implicated as the target antigen in the autoimmune disease Goodpasture syndrome, and mutations in Collagen IV have been implicated in the hereditary Alport syndrome. In immunohistochemistry, antibodies to collagen IV react with basement membranes in a wide variety of tissues, including kidney, skin, striated and smooth muscle, spleen, lymph node, lung, placenta, and tendon.
References	Biol Cell. 1996;88(1-2):37-44, PMID: 9175266; N Engl J Med. 2003; 348:2543-2556, DOI: 10.1056/NEJMra022296; Matrix Biol. 2017 Jan;57-58:45-54, PMID: 27576055;

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/collagen-iv-antibody-western-blot-immunohistochemistry-elisa/163091>