

Rabbit Collagen IV Polyclonal Antibody

Rabbit anti Collagen IV

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77633	Rabbit	Bovine, Human, Rat, Swine	Western Blot, Immunohistochemistry, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Collagen IV; Polyclonal Antibody; Rabbit anti Collagen IV; anti-Collagen IV antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine, Human, Rat, Swine
Clonality	Polyclonal
Specificity	Polyclonal type IV collagen recognizes the extracellular - basement membranes.
Form/Format	Each vial contains 250ul polyclonal Serum including 0.09% sodium azide
Applicable Applications for anti-Collagen IV antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Source Note	This polyclonal type IV collagen antibody is a Rabbit polyclonal antibody. The Rabbits were immunized with isolated Human type IV collagen. The immunogen has been isolated from Human placenta.
Preparation and Storage	Store at 4 degree C, or in small aliquots for prolonged storage at -20 degree C.

IMAGES


FCM/FACS (Flow Cytometry)

Figure 2: Collagen type IV staining of basement membranes and connective tissue in a frozen section of human kidney

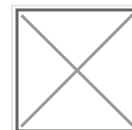

Application Data

Figure 1: Collagen type IV staining of basement membranes and connective tissue in a frozen section of human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-Collagen IV antibody	The extent of expression of the basement membrane component type IV collagen may be correlated with the degree of differentiation of basement membrane producing neoplasma. Neoplastic cells of invasive carcinomas often lack a continuous basement membrane. In histopathology antibodies to type IV collagen may help to distinguish between non-invasive (benign or in situ) and invasive lesions. Furthermore the antiSerum is important in the differential identification of bullous lesions in dermatopathology.
References	Visser, R., van der Beek, J.M.H., Havenith, M.G., Cleutjens, J.P.M. and Bosman, F.T. (1985). Immunocytochemical detection of basement membrane antigens in the histopathological evaluation of laryngeal dysplasia and neoplasia. Histopathology 10, 171-180. Cleutjens, J.P.M., Havenith, M.G., Kasper, M., Vallinga, M., and Bosman, F.T. (1990). Absence of type IV collagen in the centre of the corneal epithelial basement membrane. Histochemical Journal 22, 688-94. Havenith, M.G. et al. (1987). Human specific anti-type IV collagen monoclonal antibodies, characterisation and immunohistochemical appliCation. Histochemistry 87, 123-28. Schapers, R.F.M., Pauwels, R.P.E., Havenith, M.G., Smeets, A.W.G.B, van den Brandt and P.A. Bosman, F.T. (1990). Prognostic Significance of type IV collagen and laminin immunoreactivity in urothelial carcinomas of the bladder. Cancer 66, 2583-88.

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/collagen-iv-antibody-western-blot-immunohistochemistry-immunohistochemistry-immunocytochemistry-elisa/77633>