

Polyclonal Rabbit anti-Collagen IV

Clone no. -

MONOSAN

Product name	Polyclonal Rabbit anti-Collagen IV
Host	Rabbit
Applications	IHC-fr, IHC-P (1:50 - 1:100)
Species reactivity	Human, Mouse, Rat
Conjugate	-
Immunogen	Isolated from human placenta
Isotype	-
Clonality	Polyclonal
Clone number	-
Size	250 µl
Concentration	n/a
Format	-
Storage buffer	Contains 0.09% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

The antibody is reactive with collagen type IV of basement membranes, and shows a homogeneous staining pattern in all tissues. As neoplastic cells of invasive carcinomas often lack a continuous basement membrane, the antiserum is useful to distinguish between non-invasive and invasive lesions. Additionally, it can be used for the differentiation of bullous lesions in dermatopathology. In immunohistochemistry no cross-reactivity with other collagens at optimal dilutions. In immunoblotting, a slight cross-reactivity with collagen type V is observed.

Positive control: Skin, kidney.

References

1. Chandana E et al. BMC Dev Biol 2010;10:84
2. Zahner et al. Oncotarget 2017;8:52560-52570
3. Oh J et al. Oncogene 2004;23:5041-5048
4. Li H et al. iScience 2019;19:559-571
5. Taromi S et al. Oncotarget 2017;8:97061

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