

## Mouse anti-Collagen Type IV, clone CIV22 (Monoclonal)

Clone no. CIV22

MONOSAN

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Product name	Mouse anti-Collagen Type IV, clone CIV22 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:50-1:200)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	CIV22
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% 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**

Collagen Type IV is the major component of the basal lamina so antibodies to this molecule confirm its presence and reveal the morphological appearance of the structure. Normal tissue stains with this antibody in a fashion consistent with the sites of mesenchymal elements and epithelial basal laminae. Anti-Collagen IV can also be useful in the classification of soft tissue tumors; schwannomas, leiomyomas. Their well differentiated, malignant counterparts usually immunoreact with this antibody. The vascular nature of neoplasms, hemangiopericytoma, angiosarcoma and epithelioid hemangioendothelioma can be revealed by this antibody with greater reliability than non-specific stains (e.g. silver reticulum).

**References**

1. Gould, VE, et al., Pathol Annul 1976;11:353-386
2. McArdle, JP, et al., Int J Cancer 1984;34:633-638
3. De Iorio P et al. Anticancer Res. 2001;21(2B):1395-9
4. Maatta M et al. J Histochem Cytochem. 2001 Jun;49(6):711-26
5. Schmehl K et al. Int J Colorectal Dis. 2000 Feb;15(1):39-48

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