

Rabbit anti-Human Calponin-1, clone EP798Y (Monoclonal)

Clone no. EP798Y

MONOSAN

Product name	Rabbit anti-Human Calponin-1, clone EP798Y (Monoclonal)
Host	Rabbit
Applications	IHC-P (1:50-1:200)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	EP798Y
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

Calponin is a 34 kD polypeptide that interacts with actin, tropomyosin, and calmodulin. It is involved in smooth muscle contraction mechanism and is restricted exclusively to smooth muscle tissue. Anticalponin has been found to be useful in staining myoepithelium and is, therefore, useful for differentiating benign sclerosing adenosis of the breast from infiltrating ductal carcinoma. Calponin positivity has also been noted in malignant myoepithelioma and pleomorphic adenoma³ of salivary gland origin, as well as angiomatoid malignant fibrous histiocytoma.

References

1. Wang NP, et al. Appl Immunohistochem. 1997; 5:141-151
2. Nagao T, et al. Cancer. 1998; 83:1292-9
3. Savara AT, et al. Mod Pathol. 1997; 10:1093-1100
4. Fanburg-Smith JC, et al. Hum Pathol. 1999; 30:1336-43
5. Hornick JL, et al. Am J Surg Pathol. 2003; 27: 1183-96

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