

Mouse anti-p120/catenin, clone MRQ-5

Clone no. MRQ-5

MONOSAN Ready To Use

Product name	Mouse anti-p120/catenin, clone MRQ-5
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	MRQ-5
Size	7 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

p120 catenin is encoded on chromosome 11q11. Alpha-catenin and beta-catenin bind to the intracellular domain of E-cadherin while p120 catenin binds E-cadherin at a juxta-membrane site. The complex stabilizes tight junctions. In the cell, p120 catenin localized to the E-cadherin/catenins cell adhesion complex, directly associates with cytoplasmic C-terminus of E-cadherin and may similarly interact with other cadherins. A deficiency of E-cadherin results in the intracytoplasmic accumulation of p120 catenin. Lobular carcinoma of the breast shows intracytoplasmic accumulation of p120 catenin while ductal carcinoma shows reduced membrane p120 catenin without cytoplasmic accumulation. In gastric and colonic carcinoma, strong cytoplasmic p120 catenin is associated with discohesive infiltrative morphology.

References

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2. Thoreson MA, et al. *J Cell Biol.*; 148:189-202 (2000)
3. Sarrio D, et al. *Oncogene*.; 23:3272-83 (2004)
4. Dabbs DJ, et al. *Am J Surg Pathol.*; 31:427-37 (2007)
5. Jawhari AU, et al. *J Pathol.*; 189:180-5 (1999)

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