

Mouse anti-beta-Catenin, clone 9F2 (Monoclonal)

Clone no. 9F2

MONOSAN

Product name	Mouse anti-beta-Catenin, clone 9F2 (Monoclonal)
Host	Mouse
Applications	FC,IF,IP,WB
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	9F2
Size	1 ml
Concentration	100 ug/ ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% 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

Beta-catenin belongs together with alpha- and gamma-catenin to the catenin family. Catenins mediates cell-cell adhesion by interaction with cadherins. Beta-catenin is highly homologous to gamma-catenin (plakoglobin) although its function differs from that of plakoglobin. Whereas plakoglobin has been found to suppress tumorigenicity, beta-catenin potentiates hyperproliferation and tumor formation. In the nucleus beta-catenin it complexes with transcription factors and thus regulates the expression of specific genes. By its dual role, i.e. a structural role in cell-cell junctions and a regulatory role in the nucleus, beta-catenin can transduce changes in cell adhesion and junction formation to control transmembrane signalling and gene expression.

References

1. Johnson; K et al. Exp Cell Res 1993; 207: 252
2. Sacco, P et al J Biol Chem 1995, 270: 20201
3. Hakuno; M et al. Br J Dermatol 2000; 142: 702
4. -
5. -

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