

Mouse anti-Caveolin-1, clone 4D6 (monoclonal)

Clone no. 4D6

MONXtra

Product name	Mouse anti-Caveolin-1, clone 4D6 (monoclonal)
Host	Mouse
Applications	IHC-P (1:200), WB
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant protein corresponding to the N-terminus domain of the human caveolin-1 molecule
Isotype	IgG2a, kappa
Clonality	Monoclonal
Clone number	4D6
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tissue culture supernatant with 15mM 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

aveolin-1 is a major structural component of caveolae, which are vesicular invaginations present on the plasma membrane of different cell types. It plays a regulatory role in several signaling pathways and is reported to be most abundantly expressed in terminally differentiated mesenchymal cells such as smooth muscle cells, adipocytes and endothelial cells. High levels are also reported in fibroblasts where a fine granular membranous and diffuse cytoplasmic staining pattern is described.

References

1. Wiechen K et al. American Journal of Pathology. 158 (3): 833–839 (2001).
2. Scherer PE et al. PNAS. 93: 131–135 (1996)
3. Lisanti MP et al. Journal of Cellular Biology. 126 (1): 111–126 (1994).
4. -
5. -

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