

Mouse anti-Myosin Heavy Chain (neonatal), clone WB-MHCn (monoclonal)

Clone no. WB-MHCN

MONXtra

Product name	Mouse anti-Myosin Heavy Chain (neonatal), clone WB-MHCn (monoclonal)
Host	Mouse
Applications	IHC-fr (1:5-1:20)
Species reactivity	human, rabbit
Conjugate	-
Immunogen	Myosin extracted from the hind limb muscle of a 3 day old rabbit, denatured with sodium dodecyl sulphate
Isotype	IgG1
Clonality	Monoclonal
Clone number	WB-MHCN
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Lyophilized tissue culture supernatant containing 15 mM 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

Myosin is a contractile muscle specific protein composed of two heavy and four light chains. The myosin heavy chain has many isoforms which are specific for different muscles or fiber types, some of which are developmentally regulated. The range of myosin heavy chain antibodies may prove useful for investigating development of intrafusal and extrafusal muscle fibers and the course of muscle fiber regeneration. At the ultrastructural level, antibodies can reveal architectural details of the myofilament as well as the cytoplasmic and membrane sites of new myosin integration. The user is required to reconstitute the contents of the vial with the correct volume of sterile distilled water as indicated on the vial label.

Rabbit myosin fast type heavy chain. Crossreacts with human myosin fast type heavy chain. Rabbit myosin neonatal type heavy chain. Crossreacts with human myosin neonatal type heavy chain. Note that this antibody recognises a myosin heavy chain present during the neonatal period in rabbit limb muscle. The temporal appearance of an equivalent epitope may differ in different species and consequently it may not be correct to label the epitope as "neonatal" in some circumstances.

References

1. Ecob-Prince M et al. Journal of Neurological Sciences. 90: 167–177 (1989)
2. Ecob-Prince M et al. Journal of Neurological Sciences. 91: 71–78 (1989)
3. -
4. -
5. -

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