

Mouse Anti-Human/Rabbit Myosin Heavy Chain (neonatal) mAb

Catalog No.	MONX10808	Quantity:	1 ml
Description:	<p>Mouse Anti-Human/Rabbit myosin neonatal type heavy chain Clone wb-MHCn monoclonal antibody that cross reacts with human myosin neonatal type heavy chain. This antibody recognizes 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.</p> <p>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 and sites of new myosin integration.</p>		
Immunogen:	Native myosin extracted from rabbit soleus muscle.		
Isotype:	Mouse IgG1		
Clone:	WB-MHCn		
Formulation:	Tissue culture supernatant containing 15mM sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Positive Control:	Myosin heavy chain is found during the neonatal period in rabbit muscle development and during the fetal period in human muscle development.		
Applications:	Immunohistochemistry on paraffin sections.		
Application Notes:	IHC-P: suggested dilution 1:5 - 1:20 for 60 minutes at 25°C		
Storage & Stability:	Store unopened at 2-8°C for up to 1 year. It is recommended that aliquots of the antibody are frozen at -20°C to -80°C . Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.