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IMMUNOGEN
Substance
Name  purified myosin
Origin  bovine atrium
Chemical Composition  adult animal

IMMUNIZATION PROTOCOL
Donor Animal
Species  mouse
Strain  BALB/c
Sex  unknown
Organ and tissue  spleen
Immunization
Dates immunized  1986
Amount of antigen  100 µg
Route of immunization  1st intradermal; 2 weeks later boost; 4 weeks later intraperitoneal and the day after intravenous; 3 days after i.v. mice were sacrificed, and spleen was used for fusion
Adjuvant  Freund’s

FUSION
Date  1986
Myeloma cell line
Species  mouse
Designation  NS0

MONOCLONAL ANTIBODY
Isotype  IgG2b
Specificity
Cell binding  recognizes alpha- and beta-slow myosin heavy chain
Immunohistology
Antibody competition  rat, mouse

ANTIGEN
Chemical properties
Molecular weight  
Characterization
Immunoprecipitation  
Immunoblotting  alpha- and beta-slow myosin heavy chain
Purification  
Amino acid sequence analysis  
Functional effects
Immunohistochemistry  type 1 fibers in skeletal muscle

PUBLICATIONS:

(Continued)


ACKNOWLEDGMENTS STATEMENT

We have been asked by NICHD to ensure that all investigators include an acknowledgment in publications that benefit from the use of the DSHB's products. We suggest that the following statement be used:

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