



DEVELOPMENTAL STUDIES HYBRIDOMA BANK

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MF 20

INVESTIGATOR

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IMMUNOGEN

Substance
Name adult chicken pectoralis myosin
Origin adult chicken pectoralis muscle
Chemical Composition
Developmental Stage

IMMUNIZATION PROTOCOL

Donor Animal
Species mouse
Strain C3H
Sex
Organ and tissue spleen
Immunization
Dates immunized
Amount of antigen 100 µg protein 3 times
Route of immunization intraperitoneally and subcutaneously
Adjuvant complete Freund's adjuvant followed by incomplete Freund's adjuvant

FUSION

Date
Myeloma cell line
Species mouse
Designation P3U-1 myeloma cell line

MONOCLONAL ANTIBODY

Isotype IgG2b, kappa light chain
Specificity
Cell binding
Immunohistology
Antibody competition
Species Specificity mammalian, avian and amphibian

ANTIGEN

light meromyosin
Chemical properties
Molecular weight 200 kDa MHC peptide
Characterization
Immunoprecipitation
Immunoblotting X
Purification
Amino acid sequence analysis
Functional effects striated muscle: reacts with all sarcomere myosin
Immunohistochemistry

PUBLICATIONS :

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