EB165

INVESTIGATOR
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IMMUNOGEN
Substance  protein (isolated from chicken muscle, after denature PAGE, the stained band was cut out from gel and used as immunogen)
Name  chicken myosin heavy chain
Origin  chicken
Chemical Composition  protein
Developmental Stage

IMMUNIZATION PROTOCOL
Donor Animal
Species  mouse
Strain  balb/c
Sex
Organ and tissue  spleen
Immunization
Dates immunized
Amount of antigen
Route of immunization
Adjuvant

FUSION
Date
Myeloma cell line
Species  mouse
Designation  SP2/0

MONOCLONAL ANTIBODY
Isotype  IgG1, kappa light chain
Specificity  mouse anti chicken
Cell binding
Immunohistology  yes
Antibody competition
Species Specificity  chicken, Xenopus, zebrafish

ANTIGEN
Chemical properties  protein
Molecular weight  220 kDa
Characterization  chicken embryonic and neonatal fast myosin heavy chain isoforms
Immunoprecipitation
Immunoblotting  yes
Purification
Amino acid sequence analysis
Functional effects
Immunohistochemistry

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