INVESTIGATOR
Name Kevin P. Campbell
Address University of Iowa, Dept. of Physiology & Biophysics, 4283 CMRB, Iowa City, IA 52242

IMMUNOGEN
Substance
Name isolated membranes from skeletal muscle
Origin rabbit
Chemical Composition
Developmental Stage adult

IMMUNIZATION PROTOCOL
Donor Animal
Species mouse
Strain BALB/c
Sex female
Organ and tissue spleen
Immunization
Dates immunized
Amount of antigen 0.5 mg
Route of immunization IP
Adjuvant Freund’s complete

FUSION
Date
Myeloma cell line
Species mouse
Designation NS-1

MONOCLONAL ANTIBODY
Isotype IgG1, kappa light chain
Specificity
Cell binding
Immunohistology yes
Antibody competition
Species Specificity rabbit, mouse, human

ANTIGEN
Chemical properties
alpha sarcoglycan, SL50, dystrophin associated glycoprotein
Molecular weight 50 kDa
Characterization
Immunoprecipitation yes
Immunoblotting yes
Purification
Amino acid sequence analysis
Functional effects
Immunohistochemistry yes

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:

“The (select: hybridoma, monoclonal antibody, or protein capture reagent,) developed by [Investigator(s) or Institution] was obtained from the Developmental Studies Hybridoma Bank, created by the NICHD of the NIH and maintained at The University of Iowa, Department of Biology, Iowa City, IA 52242.”

Please send copies of all publications resulting from the use of Bank products to:

Developmental Studies Hybridoma Bank
Department of Biology
The University of Iowa
028 Biology Building East
Iowa City, IA 52242