INVESTIGATOR
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IMMUNOGEN
Substance
Name MyHC
Origin human
Chemical Composition partially purified, pyrophosphate extracted
Developmental Stage 22 year quadriceps

IMMUNIZATION PROTOCOL
Donor Animal
Species mouse
Strain Balb/c
Sex
Organ and tissue spleen
Immunization
Dates immunized 1983
Amount of antigen 100 µg (3 boosts at 12.5, 5, 20, 40 µg)
Route of immunization IP (last boost IV)
Adjuvant CFA

FUSION
Date 1983
Myeloma cell line
Species mouse
Designation 653

MONOCLONAL ANTIBODY
Isotype IgG1
Specificity
Cell Binding +
Immunohistology +
Antibody competition
Species Specificity human, rodent (others?)

ANTIGEN
Chemical properties
Molecular weight 200 kDa
Characterization
Immunoprecipitation +
Immunoblotting +
Purification
Amino acid sequence analysis
Functional effects
Immunohistochemistry + all fast fibers in humans
++ in rat IIA fibers
± in rat IIX/D
- in rat IIB

PUBLICATIONS:

(Continued)
A4.74 (Continued)


ACKNOWLEDGMENTS STATEMENT

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