INVESTIGATOR
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IMMUNOGEN
Substance
Name: cytoplasmic nonmuscle myosin II
Origin: chick brain
Chemical Composition
Developmental Stage: 1 day post-hatch

IMMUNIZATION PROTOCOL
Donor Animal
Species: mouse
Strain: Balb/C
Sex: female
Organ and tissue: spleen cells
Immunization
1. Dates immunized: t = 0
2. Amount of antigen: 50µg
3. Route of immunization: subcutaneously
Adjuvant: 50% Freund’s

FUSION
Date: t = 0 + 4 weeks + 6 days + 3 days
Myeloma cell line
Species: mouse
Designation: Ag8.653

MONOCLONAL ANTIBODY
Isotype: IgG1, kappa light chain
Specificity
Cell binding: not done
Immunohistology: yes; Elisa with nondenatured protein
Antibody competition: not done
Species Specificity: chick

ANTIGEN
Chemical properties
Molecular weight: 200 kDa nonmuscle myosin IIB heavy chain
Characterization
Immunoprecipitation: not done
Immunoblotting: dot blot yes, but does not recognize SDS-denatured myosin
Purification
Amino acid sequence analysis

Functional effects
Immunohistochemistry: yes

PUBLICATIONS:
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