INVESTIGATOR
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IMMUNOGEN
Substance
  Name  chicken muscle tropomyosin
  Origin  chicken cardiac muscle

Developmental Stage

IMMUNIZATION PROTOCOL
Donor Animal
  Species  mouse
  Strain  BALB/c
  Sex  female
  Organ and tissue  spleen cells

Immunization
  Dates immunized  1st i.p. injection; 3 weeks later i.p. boost; 1 more week later i.v. injection; 3 days after i.v.,
  Amount of antigen  sacrificed mouse and took spleen out for fusion.
  Route of immunization
  Adjuvant  complete and incomplete Freund’s adjuvant

FUSION
  Date  1983
  Myeloma cell line
    Species  mouse
    Designation  NS1

MONOCLONAL ANTIBODY
  Isotype  IgG1
  Specificity
    Cell binding
    Immunohistology
    Antibody competition
  Species Specificity  chicken, rat, mouse, Xenopus

ANTIGEN
  Chemical properties  muscle tropomyosin
  Molecular weight  36 kDa

Characterization
  Immunoprecipitation
  Immunoblotting  +
  Purification
  Amino acid sequence analysis

Functional effects
  Immunohistochemistry

PUBLICATIONS:


