INVESTIGATOR
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IMMUNOGEN
Substance
   Name: crude extracellular matrix prep
   Origin: chick skeletal muscles
   Chemical Composition: 14-day white Leghorn chick embryo

IMMUNIZATION PROTOCOL
Donor Animal
   Species: mouse
   Strain: BALB/cJ
   Sex: 
   Organ and tissue: spleen
   Immunization:
      Dates immunized: initial injection followed 1 mo later by boost, 3 days later took spleen for hybridoma production
      Amount of antigen: 0.1 ml packed material
      Route of immunization: i.p.
      Adjuvant: Freund's complete, incomplete; then tail vein injection of immunogen suspended in saline

FUSION
Date: 
Myeloma cell line
   Species: mouse, BALB c
   Designation: SP2/0 Ag8

MONOCLONAL ANTIBODY
Isotype: IgG1, kappa light chain
Specificity: believed to be specific for collagen type VI
Cell binding: strong extracellular immunolabeling in many tissues
Immunohistology:
Antibody competition:
Species Specificity:

ANTIGEN
Chemical properties: believed to be collagen type VI
Molecular weight: SDS PAGE: 255, 140 and 130 kDa bands
Characterization:
   Immunoprecipitation: works well when antibody bound to Sepharose beads
   Immunoblotting:
   Purification:
   Amino acid sequence analysis:
   Functional effects: none known
   Immunohistochemistry: present in all regions of muscle connective tissue; present bound to culture dishes after growth of primary chick muscle in tissue culture

PUBLICATIONS:
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:

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