INVESTIGATOR
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IMMUNOGEN
Substance
Name: C. elegans
Origin: cuticle from N2 worms; see Francis and Waterston, 1991
Chemical Composition: mixed post hatching

IMMUNIZATION PROTOCOL
Donor Animal
Species: mouse
Strain: Balb c
Sex: female
Organ and tissue: spleen
Immunization
Dates immunized: ?
Amount of antigen: 100-150 µl
Route of immunization: IP injection
Adjuvant: 50% Freund’s

FUSION
Date: ?
Myeloma cell line
Species: mouse
Designation: SP2/0

MONOCLONAL ANTIBODY
Isotype: IgG1, kappa light chain
Specificity: base of dense bodies in body-wall muscle cells
Immunohistology: yes
Antibody competition: not tested
Species Specificity: C. elegans

ANTIGEN
Chemical properties: vinculin encoded by deb-1 gene
Molecular weight: 108 kDa
Characterization
Immunoprecipitation: yes
Immunoblotting: yes
Purification: amino acid sequence analysis
Functional effects: component of dense body, which anchors thin filaments
Immunohistochemistry: yes

PUBLICATIONS:
ACKNOWLEDGMENTS STATEMENT

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