INVESTIGATOR
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IMMUNOGEN
Substance 48 h.-72 h. whole embryo
Name Strongylocentrotus purpuratus (sea urchin)
Origin
Chemical Composition
Developmental Stage early pluteus

IMMUNIZATION PROTOCOL
Donor Animal
Species mouse
Strain Balb/c
Sex female
Organ and tissue spleen
Immunization
Dates immunized
Amount of antigen 100 µg
Route of immunization i.p./s.c.
Adjuvant Freund's complete/incomplete

FUSION
Date
Myeloma cell line
Species mouse
Designation Sp2/0

MONOCLONAL ANTIBODY
Isotype IgG1, kappa light chain
Specificity
Cell binding binds to chromogenic mesenchyme and pigment cells of embryos of sea urchin
Immunohistochemistry
Antibody competition
Species Specificity Strongylocentrotus purpuratus (sea urchin)

ANTIGEN
Chemical properties glycoprotein, cell surface
Molecular weight 110 kDa
Characterization
Immunoprecipitation +
Immunoblotting +
Purification
Amino acid sequence analysis not done
Functional effects none known
Immunohistochemistry ascites 1:200, 1:500
Westerns 1:400

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