ScRPL3

INVESTIGATOR
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IMMUNOGEN
Substance  purified protein
Name  ribosomal protein L3 of Saccharomyces cerevisiae (gene is called either TCM1 or RPL3)
Origin
Chemical Composition
Developmental Stage

IMMUNIZATION PROTOCOL
Donor Animal
Species  mouse
Strain  Balb/c?
Sex  female?
Organ and tissue  spleen
Immunization
Dates immunized  ???
Amount of antigen  200 µg + 100 µg
Route of immunization  i.p.
Adjuvant  CFA/IFA

FUSION
Date  7/6/84
Myeloma cell line
Species  mouse
Designation  NS0

MONOCLONAL ANTIBODY
Isotype  IgG2b
Specificity  specific for L3 in Western of ribosomes and of cytoplasm
Cell binding
Immunohistology  not done
Antibody competition
Species Specificity  Saccharomyces cerevisiae; no cross-reaction with mammalian L3

ANTIGEN
Chemical properties  basic protein
Molecular weight  43,757; pI 11.1
Characterization
Immunoprecipitation  does not IP ribosomes and native protein is nearly insoluble, so IP not feasible
Immunoblotting  yes
Purification
Amino acid sequence analysis
Functional effects
Immunohistochemistry

Note:  Several clones were originally saved.  This one is termed clone 7.1.1

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