INVESTIGATOR
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IMMUNOGEN
Substance          purified proteoglycans
Name               Origin
                   New Zealand white rabbit cornea
Chemical Composition
Developmental Stage adult

IMMUNIZATION PROTOCOL
Donor Animal
Species           mouse
Strain            Balb-c
Sex
Organ and tissue
Immunization
Dates immunized   2 injections, 2 weeks apart
Amount of antigen 40 micrograms per injection
Route of immunization subcutaneous
Adjuvant          1st injection = complete Freund’s / 2nd injection in incomplete Freund’s

FUSION
Date
Myeloma cell line
Species           mouse
Designation       NS-1

MONOCLONAL ANTIBODY
Isotype           IgG1
Specificity
Cell binding      none
Immunohistology   ++
Antibody competition ++
Species Specificity mouse negative; positive in most other vertebrates

ANTIGEN
Chemical properties sulfated epitopes in keratan sulfate
Molecular weight   macromolecular
Characterization
Immunoprecipitation +
Immunoblotting     +
Purification
Amino acid sequence analysis
Functional effects
Immunohistochemistry stains corneal stroma

PUBLICATIONS:
ACKNOWLEDGMENTS STATEMENT

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