INVESTIGATOR

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IMMUNOGEN

Substance

Name rat embryonic spinal cord membranes
Origin Dounced fresh, or frozen tissue

Developmental Stage embryonic day 15 or 18

IMMUNIZATION PROTOCOL

Donor Animal

Species mouse
Strain BALB/c
Sex female
Organ and tissue spleen

Immunization

Amount of antigen 100-200 µg
Route of immunization IP and SC or IP alone
Adjuvant complete Freund’s adjuvant followed by incomplete Freund’s adjuvant

FUSION

Date 9/9/86

Myeloma cell line

Species mouse
Designation NS1

MONOCLONAL ANTIBODY

Isotype IgM
Specificity

Cell binding
Immunohistology
Antibody competition

Species Specificity rat, mouse, chicken, human

ANTIGEN

Chemical properties N CAM/sialylated form; PSA-NCAM

Molecular weight

Characterization

Immunoprecipitation yes
Immunoblotting yes
Purification

Amino acid sequence analysis

Functional effects

Immunohistochemistry yes

Note: This is a very fragile IgM antibody. For optimum activity, we recommend these antibody products be kept at -20°C or -80°C either frozen in aliquots or with the addition of an equal volume of a cryoprotectant such as glycerol.

PUBLICATIONS:

(Continued)


ACKNOWLEDGMENTS STATEMENT

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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