mAb 4D4(A2B5-like)

INVESTIGATOR
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IMMUNOGEN
Substance
Name: whole cell suspension
Origin: intermediate region of embryonic rat spinal cord

Developmental Stage: E12 rat

IMMUNIZATION PROTOCOL
Donor Animal
Species: mouse
Strain: BALB/c
Sex: female
Organ and tissue: splenocytes

Immunization
Dates immunized: 5 injections at 7 day intervals; fusion performed 3 days after final IP injections
Amount of antigen: 200 µL cell suspension in PBS/injection
Route of immunization: IP
Adjuvant

FUSION
Date: 6/30/2000
Myeloma cell line
Species: mouse
Designation: NS-1

MONOCLONAL ANTIBODY
Isotype: IgM
Specificity
Cell binding: yes
Immunohistology: yes
Antibody competition
Species Specificity: rat, mouse, chick

ANTIGEN
Chemical properties
The mAb 4D4(A2B5-like) antigen is expressed on glial-restricted precursors and mAb 4D4(A2B5-like) and mAb A2B5 are likely to recognize the same or closely related epitopes.

Molecular weight
Characterization
Immunoprecipitation
Immunoblotting
Purification
Amino acid sequence analysis

Functional effects
Immunohistochemistry: yes

PUBLICATIONS:
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