GD1a-1
(Only cell products will be distributed)

INVESTIGATOR
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IMMUNOGEN
- Substance:
  - Name: ganglioside GD1a
  - Species: bovine
  - Chemical Composition: chemically conjugated to keyhole limpet hemocyanin
- Developmental Stage (if applicable): NA

IMMUNIZATION PROTOCOL
- Donor Animal:
  - Species: mouse
  - Strain: C57BL/6
  - Organ and tissue: IP followed by IV

FUSION
- Date: 3/30/2000
- Myeloma cell line:
  - Species: mouse
  - Clone name: P3x653
  - Growth Medium: per 100 ml: 88 ml DMEM; 1 ml “HIPO” concentrate (1 M Hepes, 20 U/ml insulin, 0.35 µl/ml β-mercaptoethanol, 15 mg/ml oxalacetic acid, 5 mg/ml sodium pyruvate); 1 ml 200 mM glutamine; 10 ml fetal bovine serum

MONOCLONAL ANTIBODY
- Isotype: IgG1
- Species Specificity: recognizes all vertebrate species

ANTIGEN
- Molecular weight: 1.84 kDa
- Characterization:
  - Immunoprecipitation: yes
  - ELISA: yes
  - Immunostaining: yes
  - Fixation: paraformaldehyde
  - Paraffin: yes
  - Special protocols: avoid most detergents, organic solvents – see publications
  - Immunoblotting: yes
  - Flow cytometry: yes
  - Epitope mapped?: NA
  - Function inhibition: yes

PUBLICATIONS:
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:

“The (select: hybridoma, monoclonal antibody, or protein capture reagent,) developed by [Investigator(s) or Institution] was obtained from the Developmental Studies Hybridoma Bank, created by the NICHD of the NIH and maintained at The University of Iowa, Department of Biology, Iowa City, IA 52242.”

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