DEVELOPMENTAL STUDIES HYBRIDOMA BANK
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VIN-2PB-22
(Only cell products will be distributed.)

INVESTIGATOR

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IMMUNOGEN

Substance 21-day RA induced-differentiated NTERA-2 c1D1 human teratocarcinoma cells
Name
Origin
Chemical Composition
Developmental Stage

IMMUNIZATION PROTOCOL

Donor Animal
Species mouse
Strain BALB/c
Sex
Organ and tissue
Immunization
Dates immunized
Amount of antigen
Route of immunization cells in PBS; subcutaneous and I.P.
Adjuvant Freund's

FUSION

Date 12/19/86
Myeloma cell line
Species mouse
Designation P3x63 Ag8.653

MONOCLONAL ANTIBODY

Isotype IgM
Specificity
Cell binding
Immunohistology
Antibody competition
Species Specificity

ANTIGEN

Chemical properties glycolipids: GD_2
Molecular weight
Characterization
Immunoprecipitation
Immunoblotting
Purification
Amino acid sequence analysis
Functional effects
Immunohistochemistry

PUBLICATIONS :

Andrews, P.W., Nudelman, E., Hakomori, S.-i., and Fenderson, B.A. (1990). Different patterns of glycolipid antigens are expressed following differentiation of TERA-2 human embryonal carcinoma cells induced by retinoic acid, hexamethylene biscacetamide (HMBA) or bromodeoxyuridine (BudR). Differentiation 43, 131-138.

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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:

"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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