INVESTIGATOR
Name Urs Rutishauser
Address Memorial Sloan-Kettering Cancer Center, Box 290, 1275 York Avenue, New York, NY 10021

IMMUNOGEN
Substance
Name NCAM embryonic chicken brain membranes
Origin
Chemical Composition approx E-14

IMMUNIZATION PROTOCOL
Donor Animal
Species mouse
Strain Balb/c
Sex female
Organ and tissue spleen
Immunization
Dates immunized 3/12/83; 4/1/83; 4/20/83; 5/9/83
Amount of antigen 10-15 mg NCAM/mouse in PBS
Route of immunization i.p.
Adjuvant Freund's complete followed by Freund's incomplete

FUSION
Date 12/83
Myeloma cell line
Species mouse
Designation P3-X63-Ag8.653

MONOClonAL ANTIBODY
Isotype IgG1, kappa
Specificity
Cell binding yes
Immunohistology yes
Antibody competition yes
Species Specificity chicken

ANTIGEN
Chemical properties NCAM polypeptide (extracellular domain)
Molecular weight 180, 140 and 120 kDa
Characterization
Immunoprecipitation yes
Immunoblotting yes
Purification yes
Amino acid sequence analysis no
Functional effects attenuates NCAM-NCAM binding
Immunohistochemistry all NCAM positive tissues

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.”

Please send copies of all publications resulting from the use of Bank products to:

Developmental Studies Hybridoma Bank
Department of Biology
The University of Iowa
028 Biology Building East
Iowa City, IA  52242