Prospero (MR1A)

INVESTIGATOR

Name: Chris Q. Doe
Address: Institute of Neuroscience, 1254 University of Oregon, Eugene, OR 97403

IMMUNOGEN

Substance

Name: Prospero protein
Origin: Drosophila

Chemical Composition
Developmental Stage

IMMUNIZATION PROTOCOL

Donor Animal

Species: mouse
Strain: ?
Sex: ?
Organ and tissue: ?

Immunization

Dates immunized: 1994
Amount of antigen: ?
Route of immunization: i.p.
Adjuvant: Freund’s

FUSION

Date: 1994

Myeloma cell line

Species: ?
Designation: ?

MONOCLONAL ANTIBODY

Isotype: IgG1, kappa light chain
Specificity

Cell binding: untested, but protein is nuclear
Immunohistology: yes
Antibody competition: no

Species Specificity: Drosophila, yes. Grasshopper, mouse, zebrafish, no

ANTIGEN

Chemical properties: nuclear protein
Molecular weight: 165 kDa predicted, 215 kDa observed

Characterization

Immunoprecipitation: yes
Immunoblotting: yes (see Srinivasan et al., 1998, Dev. Biol. 204(2), 478-487)
Purification: yes
Amino acid sequence analysis: yes

Functional effects: ?

Immunohistochemistry: yes

PUBLICATIONS:


Prospero (MRIA) (Continued)


Prospero (MR1A) (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:

“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