Math1 (Atoh1)

INVESTIGATOR
Name Jane Johnson
Address UT Southwestern, 5323 Harry Hines Blvd., Dallas, TX 75390-9111

IMMUNOGEN
Substance
Name bacterially expressed mouse Math1-GST fusion protein
Origin
Chemical Composition
Developmental Stage

IMMUNIZATION PROTOCOL
Donor Animal
Species mouse
Strain
Sex
Organ and tissue
Immunization
Dates immunized
Amount of antigen
Route of immunization
Adjuvant

FUSION
Date
Myeloma cell line
Species mouse
Designation

MONOCLONAL ANTIBODY
Isotype IgG1, kappa light chain
Specificity
Cell binding no
Immunohistology yes
Antibody competition no
Species Specificity mouse (does not recognize chicken, other species not tested)

ANTIGEN
Chemical properties nuclear bHLH transcription factor
Molecular weight 38 kDa
Characterization
Immunoprecipitation yes
Immunoblotting yes
Purification no
Amino acid sequence analysis no
Functional effects no
Immunohistochemistry expression in neuronal progenitor cells in dorsal neural tube, EGL of cerebellum, hair cells in inner ear, Merkel cells in skin

PUBLICATIONS: The mouse polyclonal prior to fusion is published in:
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