INVESTIGATOR
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IMMUNOGEN
Substance                  Drosophila Ultrabithorax protein expressed as fusion protein in pET vector
  Name
  Origin
  Chemical Composition
  Developmental Stage

IMMUNIZATION PROTOCOL
Donor Animal
  Species    mouse
  Strain     Balb/c
  Sex        female

Organ and tissue

Immunization
  Dates immunized
  Amount of antigen
  Route of immunization
  Adjuvant

FUSION
Date

Myeloma cell line
  Species    mouse
  Designation NSO

MONOCLONAL ANTIBODY
Isotype        IgG1
Specificity    Cell binding
  Immunohistology   yes
  Antibody competition
  Species Specificity  broad

ANTIGEN
Ultrabithorax(Ubx)/Abdominal-A(ABD-A) (Drosophila)

Chemical properties
Molecular weight
Characterization
  Immunoprecipitation    yes
  Immunoblotting         yes
  Purification           yes
  Amino acid sequence analysis

Functional effects
  Immunohistochemistry   yes

PUBLICATIONS:
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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