INVESTIGATOR
Name    Robert Holmgren
Address Department of BMBCB, Northwestern University, 2205 Tech Drive, Evanston, IL 60208

IMMUNOGEN
Substance  protein
Name       Cubitus interruptus
Origin     Drosophila protein expressed in E. coli and isolated from inclusion bodies
Chemical Composition amino acids
Developmental Stage

IMMUNIZATION PROTOCOL
Donor Animal
Species  rat
Strain   Sprague-Dawley
Sex
Organ and tissue
Immunization
Dates immunized 1991 boosts were given every 2-4 weeks
Amount of antigen 500 µg per injection
Route of immunization abdomen subcutaneous
Adjuvant Freund’s complete/Freund’s incomplete

FUSION
Date  1991
Myeloma cell line NSO-1
Species mouse
Designation

MONOCLONAL ANTIBODY
Isotype  IgG2a
Specificity
Cell binding
Immunohistology yes
Antibody competition
Species Specificity pretty specific to Drosophila

ANTIGEN
Chemical properties
Molecular weight 155 kDa but runs at 180 kDa
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:

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