INVESTIGATOR
Name	Erich Buchner / Alois Hofbauer
Address	Genetics & Neurobiology, Biocenter, University of Wuerzburg, Am Hubland, Wuerzburg, 97074 Germany

IMMUNOGEN
Substance	brain homogenate
Name	Drosophila melanogaster wild type
Developmental Stage	imago

IMMUNIZATION PROTOCOL
Donor Animal
Species	mouse
Strain	Balb-c
Sex	male
Organ and tissue	spleen
Immunization
Amount of antigen	50 brains
Route of immunization	i.p.
Adjuvant	none

FUSION
Date	7/2/1985
Myeloma cell line
Species	mouse
Designation	P3X.63-Ag8.653

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

ANTIGEN
Drosophila cysteine string protein (CSP)

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

Functional effects
Immunohistochemistry	synaptic neuropil

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