INVESTIGATOR
Name  Gerald M. Rubin
Address  Molecular & Cell Biology, University of California at Berkeley, 539 LSA/GM Lab, Berkeley, CA  94720-3200

IMMUNOGEN
Substance  purified bacterial fusion protein generated from an EcoRI-BglII fragment from the rough cDNA proc 4-2 in the pRIT2 expression plasmid.
Name  cDNA proc 4-2
Origin
Chemical Composition
Developmental Stage

IMMUNIZATION PROTOCOL
Donor Animal
Species  mouse
Strain  Swiss Webster
Sex
Organ and tissue
Immunization
Dates immunized 5-10 μg in 50% Freund's complete adjuvant initially, followed 3 weeks later by 5-10μg in 50% Freund's incomplete, followed by 5-10 μg boosts of aqueous Ag every 2-4 weeks thereafter.
Amount of antigen
Route of immunization
Adjuvant

FUSION
Date
Myeloma cell line
Species  mouse
Designation  P3x63Ag8.653

MONOCLONAL ANTIBODY
Isotype  IgG1, kappa light chain
Specificity ro-62C2A8 (MAbrol in Kimme, 1990) recognizes the Drosophila protein rough. This protein is present in the nucleus of most or all of the cells in the morphogenetic furrow of the larval eye, and is limited to the R2, R3, R4, and R5 cells in the region posterior to the furrow. Antibody purified by ammonium salt precipitation may be more effective than supernatant. Use PEMP as a fixative.
Cell binding
Antibody competition
Species Specificity

ANTIGEN
Chemical properties
Molecular weight
Characterization
Immunoprecipitation
Immunoblotting
Purification
Amino acid sequence analysis
Functional effects
Immunohistochemistry

PUBLICATIONS:
ACKNOWLEDGMENTS STATEMENT

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