INVESTIGATOR

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IMMUNOGEN

Substance  GST fused to a fragment of the Klarsicht alpha protein (amino acids 1895-2262) from Drosophila melanogaster

Name
Origin  expressed in E. coli and purified with glutathione column

Chemical Composition
Developmental Stage

IMMUNIZATION PROTOCOL

Donor Animal

Species  mouse
Strain    BALB/C
Sex  female
Organ and tissue  spleen

Immunization

Amount of antigen  225 µg total
Route of immunization  intraperitoneal
Adjuvant  Ribi

FUSION

Date  6/24/99

Myeloma cell line

Species  mouse

MONOCLONAL ANTIBODY

Isotype  IgG1
Specificity  mutant analysis indicates that it specifically recognizes Klar by Western blotting and immunohistochemistry

Cell binding
Immunohistology
Antibody competition
Species Specificity  Drosophila melanogaster

ANTIGEN

Chemical properties

Molecular weight  various, since antibody recognizes several distinct isoforms of Klar (including alpha, gamma, delta)

Characterization  epitope falls within a region corresponding to amino acids 2056 to 2202 of Klar alpha (i.e., within exon 18)

Immunoprecipitation
Immunoblotting
Purification
Amino acid sequence analysis

Functional effects

Immunohistochemistry  works both with heat-fixed and formaldehyde-fixed tissues

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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