INVESTIGATOR
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IMMUNOGEN
Substance
Name       extract
Origin     blastema of newt
Chemical Composition crude
Developmental Stage mid bud – late bud / wound epithelium

IMMUNIZATION PROTOCOL
Donor Animal
Species     mouse
Strain      balb c
Sex         female
Organ and tissue spleen
Immunization
Dates immunized
Amount of antigen
Route of immunization intraperitoneal
Adjuvant    Freund’s complete

FUSION
Date
Myeloma cell line
Species     mouse
Designation NS-1

MONOCLONAL ANTIBODY
Isotype     IgG1
Specificity
Cell binding cytoskeleton
Immunohistology
Antibody competition
Species Specificity newts & axolotls

ANTIGEN
Chemical properties keratin type I
Molecular weight 46 kDa
Characterization
Immunoprecipitation
Immunoblotting yes
Purification
Amino acid sequence analysis cDNA sequence
Functional effects keratin type 1 – transport/secretion
Immunohistochemistry epithelia, wound epithelium

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:

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