MT2

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

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, kappa light chain
Specificity
Cell binding
Immunohistology  extracellular matrix
Antibody competition
Species Specificity  newts & axolotls

ANTIGEN
Chemical properties  collagen type XII
Molecular weight
Characterization
Immunoprecipitation
Immunoblotting  yes
Purification
Amino acid sequence analysis  cDNA sequence
Functional effects  up-regulated in regenerating but not embryonic limbs
Immunohistochemistry  ECM - collagen XII

PUBLICATIONS:
ACKNOWLEDGMENTS STATEMENT

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