**INVESTIGATOR**
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- **Address**: Dept. of Cell Biology, Univ. of Alabama at Birmingham, Box 302-VH, Birmingham, AL 35294-0019

**IMMUNOGEN**
- **Substance**
  - **Name**: type IX collagen
  - **Origin**: chicken sternum
- **Chemical Composition**
- **Developmental Stage**: adult

**IMMUNIZATION PROTOCOL**
- **Donor Animal**
  - **Species**: mouse
  - **Strain**: BALB/c
  - **Sex**: female
  - **Organ and tissue**
  - **Immunization**
    - **Dates immunized**: 1982
    - **Amount of antigen**
    - **Route of immunization**
    - **Adjuvant**

**FUSION**
- **Date**
- **Myeloma cell line**
  - **Species**: mouse
  - **Designation**: P3X63A8.653

**MONOCLONAL ANTIBODY**
- **Isotype**: IgG1
- **Specificity**
  - **Cell binding**: yes
  - **Immunohistology**: yes
  - **Antibody competition**: yes
  - **Species Specificity**: chicken

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

**PUBLICATIONS**

(Continued)


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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