### INVESTIGATOR

<table>
<thead>
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</thead>
<tbody>
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</tr>
</tbody>
</table>

### IMMUNOGEN

<table>
<thead>
<tr>
<th>Substance</th>
<th>Name</th>
<th>Origin</th>
<th>Chemical Composition</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>bone sialoproteins I and II</td>
<td>rat bone</td>
<td></td>
</tr>
</tbody>
</table>

### IMMUNIZATION PROTOCOL

<table>
<thead>
<tr>
<th>Donor Animal</th>
<th>Species</th>
<th>Strain</th>
<th>Sex</th>
<th>Organ and tissue</th>
<th>Immunization</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mouse</td>
<td>BALB/cJ</td>
<td>female</td>
<td>spleen</td>
<td></td>
</tr>
</tbody>
</table>

#### Dates immunized

- **Amount of antigen**
- **Route of immunization** i.p.
- **Adjuvant** complete, incomplete, incomplete

### FUSION

- **Date** 1987
- **Myeloma cell line** mouse NS1

### MONOCLONAL ANTIBODY

- **Isotype** IgG2a, kappa light chain
- **Specificity** rat, human, mouse

### ANTIGEN

- **Chemical properties** recognizes bone sialoprotein II (BSPII) by ELISA
- **Molecular weight**
- **Characterization**
  - **Immunoprecipitation** yes
  - **Immunoblotting** yes
  - **Purification**
  - **Amino acid sequence analysis**
  - **Functional effects**
    - Immunohistochemistry stains rat bone

### 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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