**MC-631 (SSEA-3)**
(Only cell products will be distributed.)

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**IMMUNOGEN**
- **Substance**: 4-8 cell stage mouse embryos

**IMMUNIZATION PROTOCOL**
- **Donor Animal**
  - **Species**: rat
  - **Strain**: Fisher
  - **Sex**: male
  - **Organ and tissue**: spleen
- **Immunization**
  - **Dates immunized**: 9/2/79, 9/15/79, 10/8/79
  - **Amount of antigen**: 1st injection 1000 embryos, second 1200, third 2300
  - **Route of immunization**: intraperitoneal
  - **Adjuvant**: none

**FUSION**
- **Date**: 10/11/79
- **Myeloma cell line**
  - **Species**: mouse
  - **Designation**: P3-X63-Ag8 variant 653

**MONOCLONAL ANTIBODY**
- **Isotype**: IgM, kappa light chain
- **Specificity**
  - **Cell binding**: early mouse embryos, human teratocarcinoma stem cells
  - **Immunohistology**:
  - **Antibody competition**: human, mouse, sheep

**ANTIGEN**
- **Chemical properties**: carbohydrate epitope - glycolipid
- **Molecular weight**: Ga1β1→3Ga1NAcβ1→3Ga1α1→R
- **Characterization**
  - **Immunoprecipitation**:
  - **Immunoblotting**:
  - **Purification**:
  - **Amino acid sequence analysis**:
  - **Functional effects**: unknown
  - **Immunohistochemistry**: see references

**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:

“The (select: hybridoma, monoclonal antibody, or protein capture reagent,) developed by [Investigator(s) or Institution] was obtained from the Developmental Studies Hybridoma Bank, created by the NICHD of the NIH and maintained at The University of Iowa, Department of Biology, Iowa City, IA 52242.”

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