

## SSEA-1 Antibody (Clone MC-480)

|                            |  |       |
|----------------------------|--|-------|
| <b>CATALOG #:</b>          | 3063-25                                      | 25 µg |
| <b>HOST:</b>               | Mouse  |       |
| <b>ISOTYPE:</b>            | Mouse IgM                                    |       |
| <b>CLONE#</b>              | MC-480                                       |       |
| <b>PURIFICATION:</b>       | Affinity purified                            |       |
| <b>IMMUNOGEN:</b>          | F9 teratocarcinoma stem cells (X-irradiated) |       |
| <b>SPECIES REACTIVITY:</b> | Human, Mouse                                 |       |

### ANTIBODY FORMULATION:

25 µg in 50 µl of PBS containing 0.05% BSA and 0.05% Sodium Azide.

### STORAGE CONDITIONS:

Store at -20°C. Avoid repeated freeze/thaw cycles.

### DESCRIPTION:

Stage-Specific Embryonic Antigen-1 (SSEA-1), also referred to as Lewis X (LeX), is expressed on murine and human germ cells, murine embryonic stem (ES) cells and murine embryonal carcinoma (EC) cells. Expression levels differ between mouse and human with decreasing expression upon differentiation in mice and increased expression upon differentiation in humans.

### APPLICATIONS :

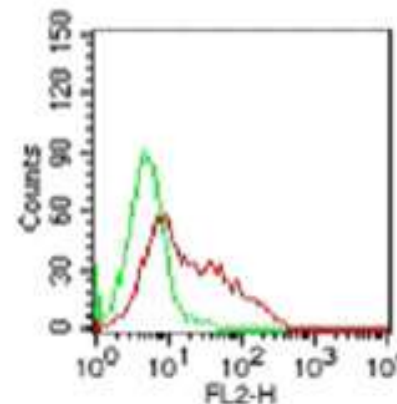
Flow(Cell Surface): 0.25 µg/10<sup>6</sup> cells

IF/ICC: reported in literature

IHC: reported in literature

IP: reported in literature

**FOR RESEARCH USE ONLY! Not to be used in human subjects!**



Cell surface staining of 10<sup>6</sup> F9 cells using 0.25 µg of 3063-25. Green represents isotype control; red represents anti-SSEA-1 antibody; a PE-conjugated rat anti-mouse IgM secondary was used for this test (cells were not fixed for testing).

### RELATED PRODUCTS:

- SSEA-4 Monoclonal Antibody (Cat. No. 3074-25)
- SSEA-3 Monoclonal Antibody (Cat. No. 3065-25)
- TRA-1-60 Monoclonal Antibody (Cat. No. 3079-25)
- TRA-1-81 Monoclonal Antibody (Cat. No. 3082-25)

### REFERENCES:

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2. Cui, L., et al., J. Histochem. Cytochem. 52: 1447 (2004)
3. Fenderson BA, et al. Methods Mol Biol; 325:207-24 (2006)
4. Harris, J.F., et al., J. Immunol. 132: 2502 (1984)
5. Solter, D. and Knowles, B.B., Proc. Natl. Acad. Sci. USA. 75: 5565 (1978)