

Monoclonal Antibody to SSEA-3 - Biotin

Alternate names:	Stage-Specific Embryonic Antigen-3
Catalog No.:	AM20367BT-S
Quantity:	50 µg
Concentration:	0.5 mg/ml
Background:	SSEA-3 specific antibody, clone MC-631, is reactive with Stage-Specific Embryonic Antigen-3. The epitope is expressed on teratocarcinoma stem cells, embryonic carcinoma cells (EC), embryonic stem cells (ES) and human and mouse germ cells. Expression diminishes with differentiation.
Host / Isotype:	Rat / IgM
Clone:	MC-631
Immunogen:	4-8 cell stage mouse embryos
Format:	State: Liquid purified Ig fraction Purification: Affinity Chromatography Buffer System: PBS containing 0.05% BSA and 0.05% Sodium Azide Label: Biotin
Applications:	Flow Cytometry (Cell Surface): 0.5 µg/10e6 cells. Immunohistochemistry on Paraffin Sections: Reported in literature. Western blot Reported in literature. Immunoprecipitation: Reported in literature. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes SSEA-3. Species: Human and Mouse. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. Shelf life: one year from despatch.
General Readings:	1. Kannagi R, et. al. EMBO J.;2(12):2355-61 (1983) 2. Andrews P.W. et al. Int J Cancer.May 15;29(5):523-31 (1982)

Pictures:

Cell surface Flow Cytometric analysis of SSEA-3 on NCCIT cells using 0.5 µg of AM20367BT-S. Green histogram represents isotype control, Red represents anti-SSEA-3 antibody. Cell surface flow kit and a PE-conjugated streptavidin secondary were used for this test (cells were not fixed for testing).

