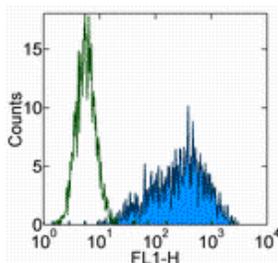


Anti-Human/Mouse SSEA-3 Alexa Fluor® 488

Catalog Number: 53-8833

Also Known As: stage-specific embryonic antigen-3

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of the 2102Ep cell line with Rat IgM kappa Isotype Control Alexa Fluor® 488 (cat. 53-4341) (open histogram) or Anti-Human SSEA-3 Alexa Fluor® 488 (filled histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Human/Mouse SSEA-3 Alexa Fluor® 488

REF Catalog Number: 53-8833

Clone: eBioMC-631 (MC-631)

Concentration: 5 µL (1.0 µg)/test

Host/Isotype: Rat IgM

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.

LOT Batch Code: Refer to Vial

 Use By: Refer to Vial

 Caution, contains Azide

Description

The eBioMC-631 (MC-631) monoclonal antibody reacts with the carbohydrate moiety galactosylgloboside on Stage-specific embryonic antigen-3 (SSEA-3). Expression is restricted to the surface of human teratocarcinoma stem cells (EC), human embryonic germ cells (EG) and human embryonic stem cells (ES) and down regulated following differentiation.

Applications Reported

This eBioMC-631 (MC-631) antibody has been reported for use in flow cytometric analysis.

Applications Tested

This eBioMC-631 (MC-631) antibody has been pre-titrated and tested by flow cytometric analysis of the 2102Ep cell line. This can be used at 5 µL (1.0 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

References

Andrews PW, Goodfellow PN, Shevinsky LH, Bronson DL, Knowles BB. Cell-surface antigens of a clonal human embryonal carcinoma cell line: morphological and antigenic differentiation in culture. *Int J Cancer*. 1982 May 15;29(5):523-31.

Kannagi R, Cochran NA, Ishigami F, Hakomori S, Andrews PW, Knowles BB, Solter D. Stage-specific embryonic antigens (SSEA-3 and -4) are epitopes of a unique globo-series ganglioside isolated from human teratocarcinoma cells. *EMBO J*. 1983;2(12):2355-61.

Related Products

53-4341 Rat IgM Isotype Control Alexa Fluor® 488

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