Anti-Human Nanog-169Tm

Catalog #: 3169014A  
Clone: N31-355  
Package Size: 50 tests  
Storage: Store product at 4°C. Do not freeze.  
Cross Reactivity: Human  
Isotype: Mouse IgG1  
Formulation: Antibody stabilizer with 0.05% Sodium Azide

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to 3 X 10⁶ live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Description

Nanog is a homeobox-containing transcription regulator involved in inner cell mass (ICM) and embryonic stem (ES) cells proliferation and self-renewal. Functionally, Nanog works together with other key pluripotent factors such as Oct4 and Sox2 to control reprogramming of differentiated cells to an induced pluripotent stem cell state. Cell differentiation can proceed once Nanog expression is downregulated. Proteins that regulate Nanog expression include transcription factors Oct4, SOX2, FoxD3, and Tcf3 and tumor suppressor p53.

References


Contact Information:

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