

Anti-Oct4 / POU5F1 antibody



Catalog Number: 104435

Product name

Anti-Oct4 / POU5F1 antibody

Specificity

Human Oct4

Antibody description

Mouse monoclonal to Oct4 / POU5F1

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with a synthetic peptide corresponding to the C-terminus of the Human Oct4. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Mouse IgG2a

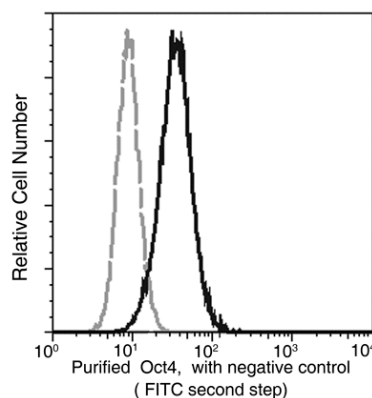
Applications

FCM

Dilutions

FCM: 0.5-2 µg/Test

Validations



Oct4 Antibody, Mouse MAb, Flow Cytometry

Flow cytometric analysis of Oct4 in human embryonic stem (ES) cells. Human embryonic stem (ES) cells were fixed and permeabilized with BD Cytotfix/Cytoperm™ Fixation/Permeabilization buffer (BD Pharmingen™ Cat. No. 554714), and stained with Purified Mouse anti-Oct4 monoclonal antibody (1 µg/test), then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.