

Purified Anti-Human NANOG Antibody[23D2-3C6]

catalog number: **AN010430P**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

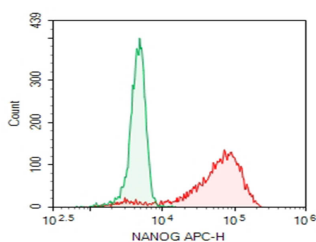
Reactivity	Human
Immunogen	Recombinant Human NANOG protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	23D2-3C6
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM	2 μ g/mL(0.5 \times 10 ⁶ -1 \times 10 ⁶ cells)
------------	--

Data



Verified Samples in FCM: NTERA-2 cells

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Nanog is a transcription factor that plays key roles in the maintenance of pluripotency and self-renewal in embryonic stem cells. Nanog expression is regulated by other transcription factors, which include Sox2 and Oct-4. It also plays a role in epithelial malignancy and is enriched in cancer stem cells. The ablation of nanog is sufficient to reduce the cancer stem cell pool.

For Research Use Only