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

catalog number: **AN010430P**

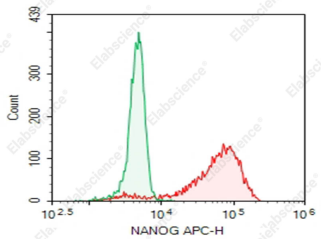
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

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	≤ 0.2 μg per million cells in 100 μL volume

Data



NTERA-2 cells were stained with 0.2 μg Purified Anti-Human NANOG Antibody[23D2-3C6] (Right) and 0.2 μg Mouse IgG1, κ Isotype Control(Left), followed by APC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

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.

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